

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044364.D
 Acq On : 10 Feb 2020 19:59
 Operator : CG/JU
 Sample : L1470-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MSD

Manual Integrations
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mohammad
 2/12/2020 9:49:42 AM

Quant Time: Feb 11 03:06:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	61746	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	271517	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	192921	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	470078	20.00	ng	0.00
76) Chrysene-d12	21.53	240	459232	20.00	ng	0.00
87) Perylene-d12	24.62	264	492432	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	341432	97.59	ng	0.00
7) Phenol-d6	7.08	99	469841	100.00	ng	0.00
23) Nitrobenzene-d5	9.06	82	275443	57.27	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	219011	96.70	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	677455	58.80	ng	0.00
79) Terphenyl-d14	19.90	244	1266746	56.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	57140	36.350	ng	99
3) Pyridine	3.76	79	136826	32.671	ng	98
4) n-Nitrosodimethylamine	3.67	42	68857	39.346	ng	99
6) Aniline	7.22	93	147615	25.313	ng	99
8) 2-Chlorophenol	7.47	128	185924	48.353	ng	98
9) Benzaldehyde	7.04	77	74394	27.803	ng	96
10) Phenol	7.10	94	231290	49.744	ng	99
11) bis(2-Chloroethyl)ether	7.32	93	163444	41.117	ng	98
12) 1,3-Dichlorobenzene	7.79	146	185311	40.364	ng	97
13) 1,4-Dichlorobenzene	7.94	146	186372	40.988	ng	99
14) 1,2-Dichlorobenzene	8.26	146	178035	41.424	ng	99
15) Benzyl Alcohol	8.14	79	149165	44.845	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.43	45	212231	39.446	ng	100
17) 2-Methylphenol	8.35	107	157923	47.604	ng	99
18) Hexachloroethane	8.99	117	65958	38.656	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	131904	42.127	ng	98
20) 3+4-Methylphenols	8.68	107	219382	47.985	ng	97
22) Acetophenone	8.72	105	256889	38.892	ng	97
24) Nitrobenzene	9.10	77	188169	40.078	ng	99
25) Isophorone	9.63	82	376710	42.025	ng	99
26) 2-Nitrophenol	9.82	139	104465	42.880	ng	98
27) 2,4-Dimethylphenol	9.88	122	181948	52.907	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	235413	39.368	ng	99
29) 2,4-Dichlorophenol	10.36	162	190937	45.917	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	184984	38.796	ng	100
31) Naphthalene	10.76	128	550078	41.757	ng	99
32) Benzoic acid	10.03	122	60968	33.140	ng	93
33) 4-Chloroaniline	10.87	127	72331	12.073	ng	98
34) Hexachlorobutadiene	11.05	225	110157	37.546	ng	99
35) Caprolactam	11.62	113	75775m	49.745	ng	
36) 4-Chloro-3-methylphenol	11.99	107	208466	47.815	ng	98
37) 2-Methylnaphthalene	12.37	142	420770	43.020	ng	98
38) 1-Methylnaphthalene	12.58	142	398115	43.174	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	208500	36.130	ng	98

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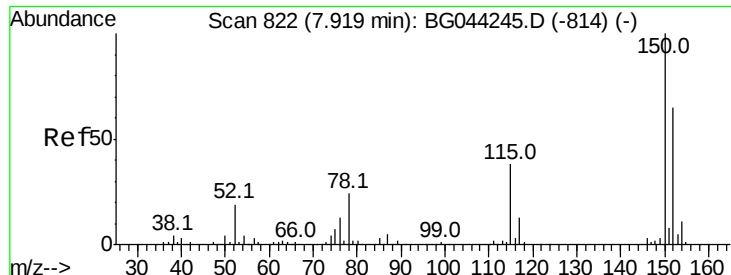
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	238548	86.148	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	155788	41.764	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	171026	44.889	ng	97
46) 1,1'-Biphenyl	13.38	154	545349	39.190	ng	98
47) 2-Chloronaphthalene	13.42	162	431835	38.998	ng	98
48) 2-Nitroaniline	13.62	65	129307	39.568	ng	96
49) Acenaphthylene	14.26	152	694250	42.745	ng	99
50) Dimethylphthalate	14.00	163	610173	44.000	ng	99
51) 2,6-Dinitrotoluene	14.11	165	132444	42.834	ng	99
52) Acenaphthene	14.60	154	426438	40.508	ng	98
53) 3-Nitroaniline	14.45	138	63211	18.478	ng	89
54) 2,4-Dinitrophenol	14.65	184	144635	79.043	ng	100
55) Dibenzofuran	14.94	168	681331	42.747	ng	97
56) 4-Nitrophenol	14.76	139	263165	105.022	ng	99
57) 2,4-Dinitrotoluene	14.90	165	191732	44.242	ng	97
58) Fluorene	15.59	166	545067	43.418	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.17	232	161060	46.800	ng	98
60) Diethylphthalate	15.37	149	607890	43.992	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	286721	42.122	ng	99
62) 4-Nitroaniline	15.61	138	140164	41.005	ng	98
63) Azobenzene	15.88	77	529029	43.683	ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	118283	45.584	ng	99
66) n-Nitrosodiphenylamine	15.80	169	524168	39.789	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	194858	38.047	ng	97
68) Hexachlorobenzene	16.60	284	216699	37.767	ng	99
69) Atrazine	16.75	200	214351	47.472	ng	98
70) Pentachlorophenol	16.94	266	238629	82.156	ng	97
71) Phenanthrene	17.33	178	939765	41.285	ng	99
72) Anthracene	17.42	178	971974	43.190	ng	99
73) Carbazole	17.69	167	893854	43.084	ng	99
74) Di-n-butylphthalate	18.25	149	1116464	43.547	ng	99
75) Fluoranthene	19.34	202	1166054	44.282	ng	100
77) Benzidine	19.52	184	409736	32.166	ng	97
78) Pyrene	19.70	202	1167143	39.575	ng	98
80) Butylbenzylphthalate	20.59	149	501188	37.291	ng	98
81) Benzo(a)anthracene	21.51	228	1101038	38.902	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	194590	17.715	ng	99
83) Chrysene	21.58	228	1058662	38.697	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	725213	39.203	ng	99
85) Di-n-octyl phthalate	22.60	149	1247422	38.973	ng	99
86) Indeno(1,2,3-cd)pyrene	28.11	276	1367877	38.325	ng	100
88) Benzo(b)fluoranthene	23.65	252	1178921	41.547	ng	99
89) Benzo(k)fluoranthene	23.71	252	1150810	41.612	ng	99
90) Benzo(a)pyrene	24.47	252	1086238	40.488	ng	99
91) Dibenzo(a,h)anthracene	28.17	278	1130509	42.578	ng	99
92) Benzo(g,h,i)perylene	29.20	276	1155777	43.483	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

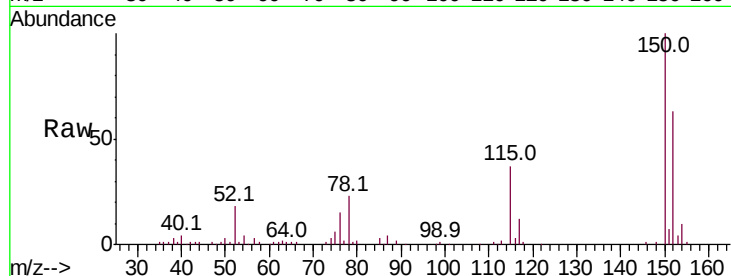
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	122.6	183.8
115	58.4	46.0	69.0

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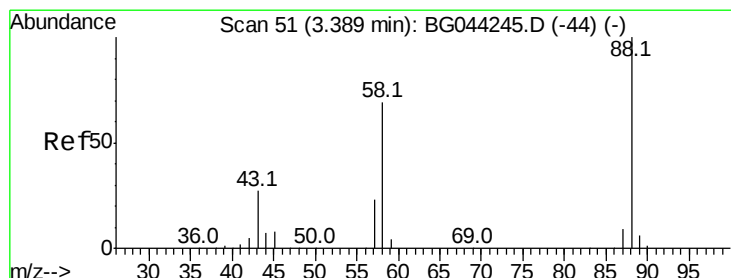
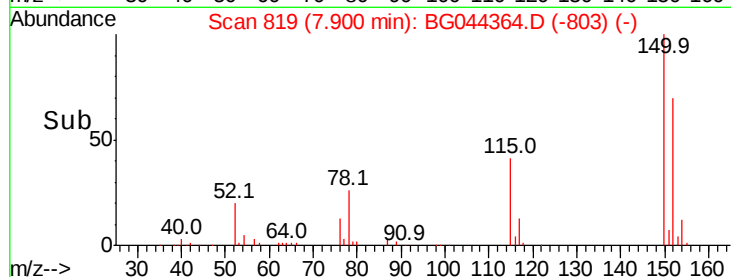
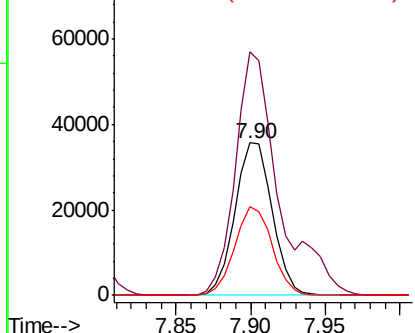


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

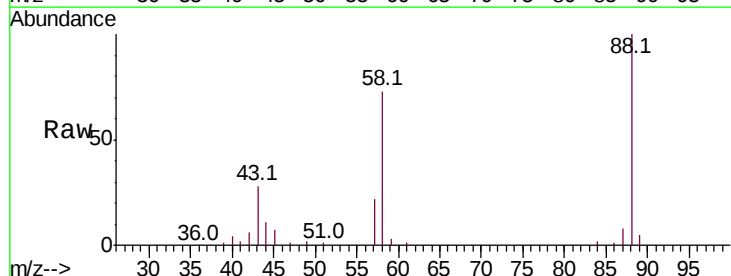
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.350 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.9	55.8	83.6
43	27.9	21.6	32.4

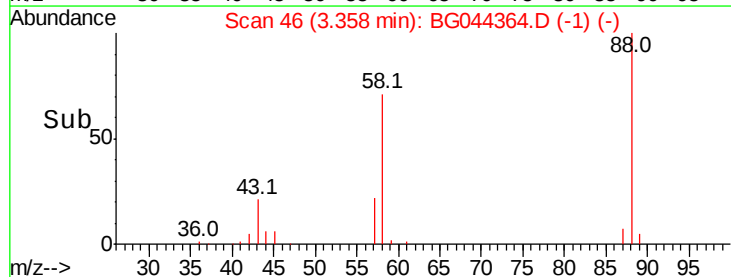
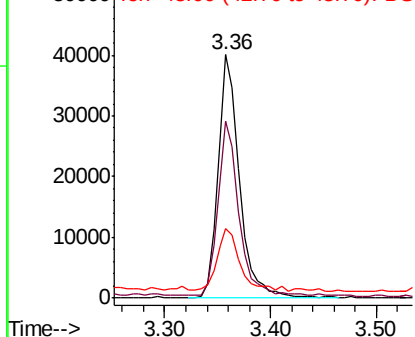


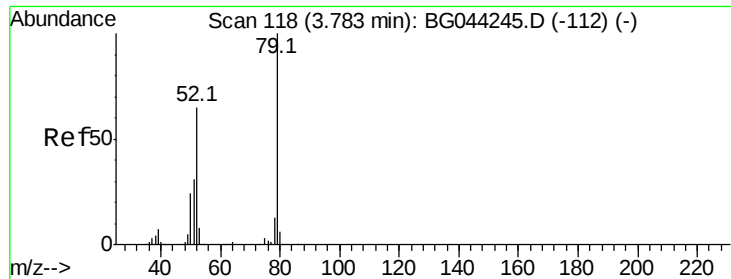
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 32.671 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

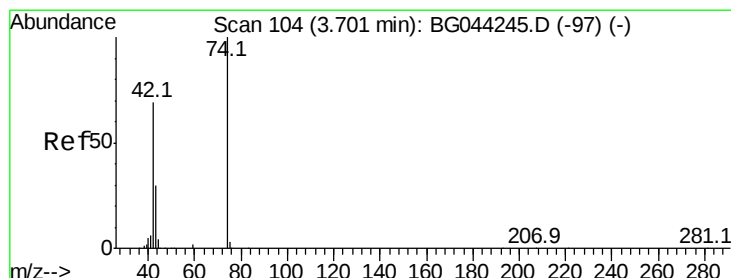
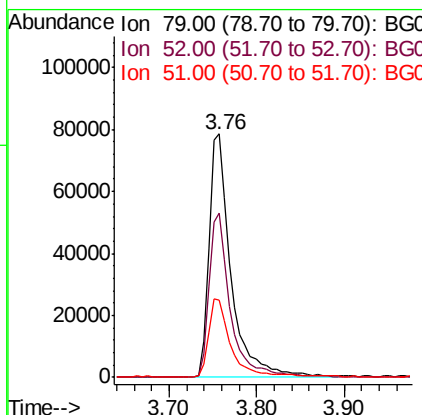
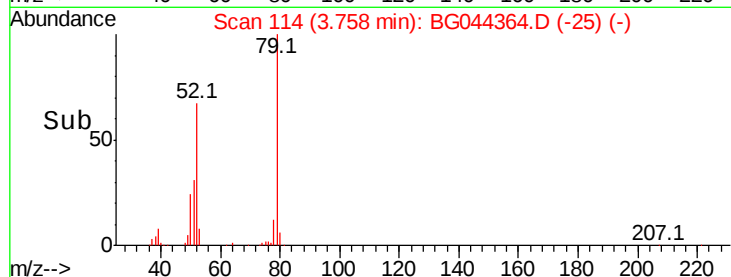
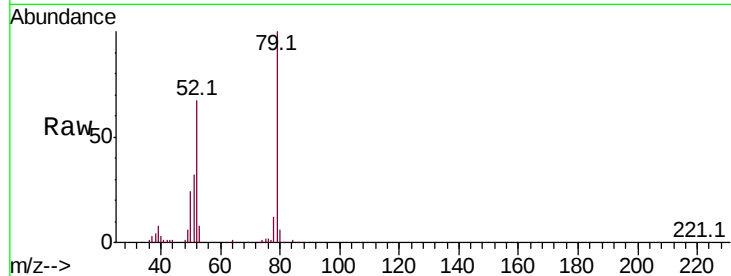
ClientSampleId :

PE-1-(BASE)MSD

Tot Ion:	79	Resp:	136826
Ion Ratio	Lower	Upper	
79	100		
52	67.2	51.9	77.9
51	32.0	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 39.346 ng

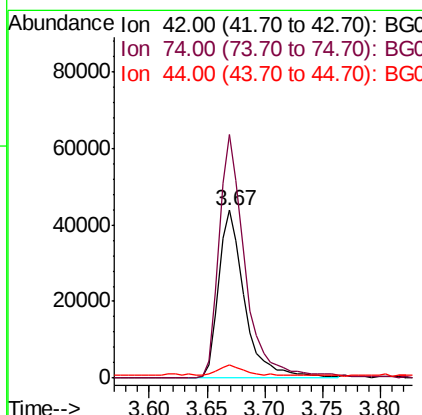
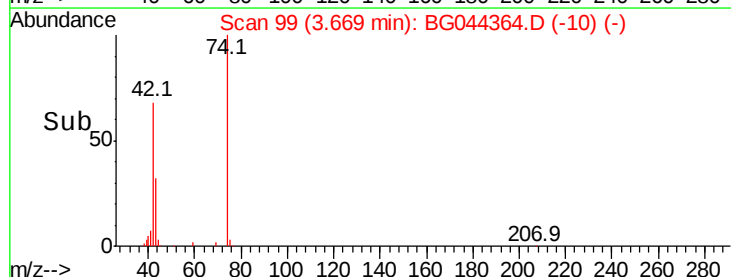
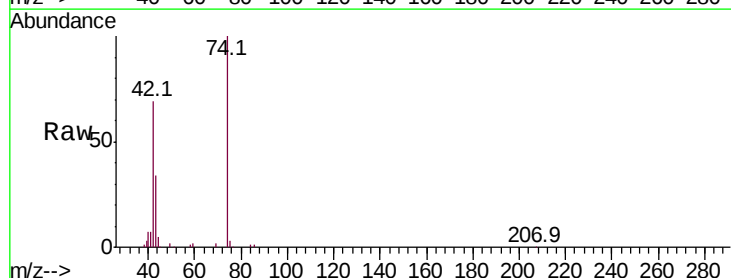
RT: 3.67 min Scan# 99

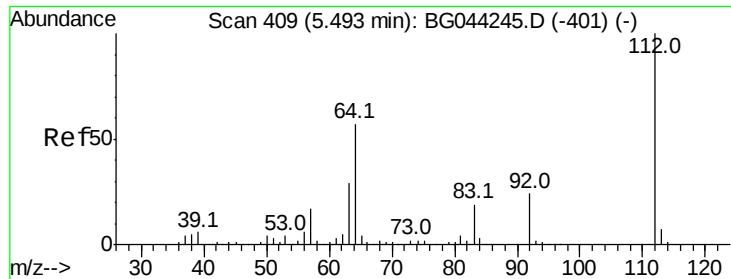
Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Tgt Ion:	42	Resp:	68857
Ion Ratio	Lower	Upper	
42	100		
74	145.3	115.1	172.7
44	7.9	5.6	8.4





#5

2-Fluorophenol

Concen: 97.589 ng

RT: 5.48 min Scan# 407

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

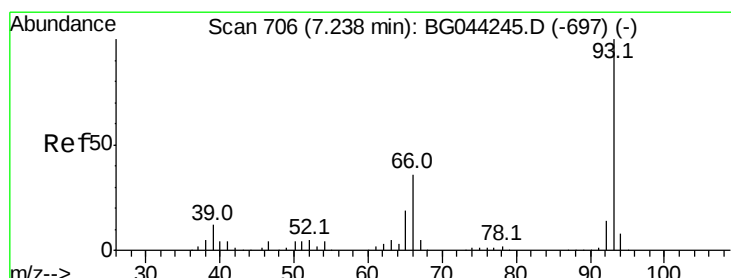
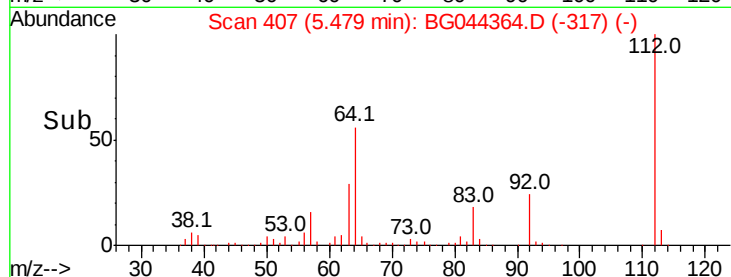
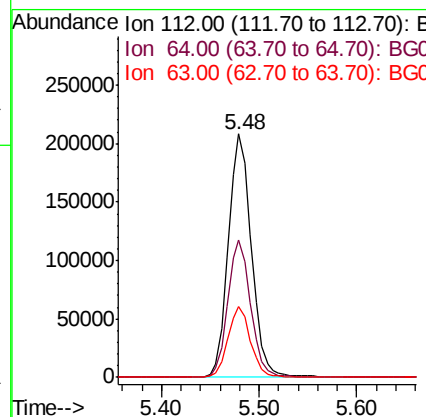
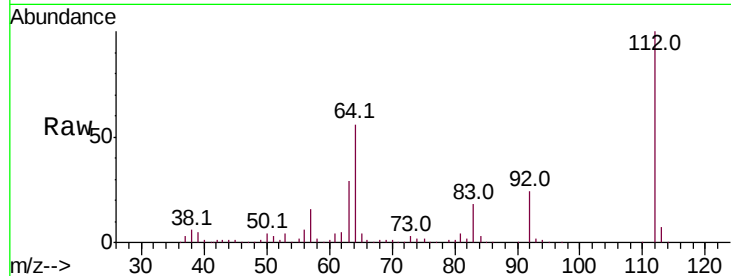
ClientSampleId :

PE-1-(BASE)MSD

Tot Ion:	112	Resp:	341432
Ion Ratio	Lower	Upper	
112	100		
64	56.4	45.4	68.2
63	29.3	22.9	34.3

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#6

Aniline

Concen: 25.313 ng

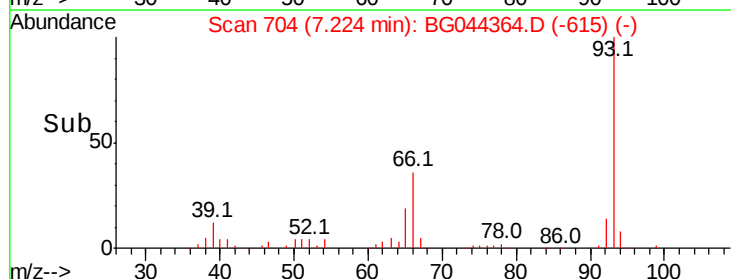
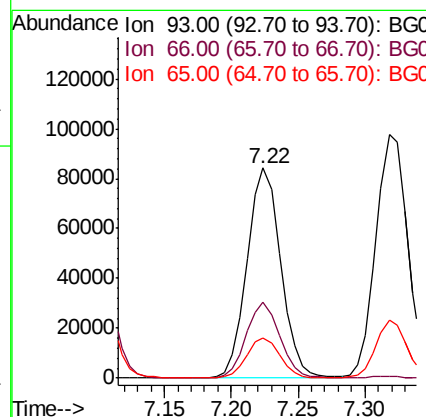
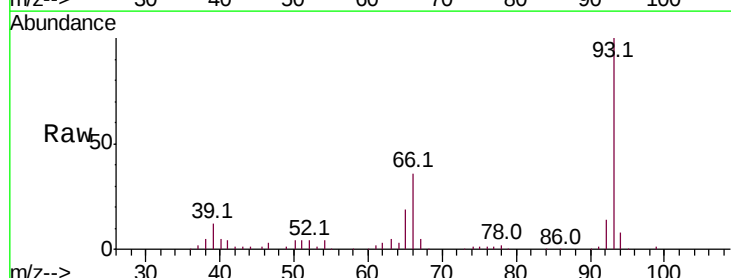
RT: 7.22 min Scan# 704

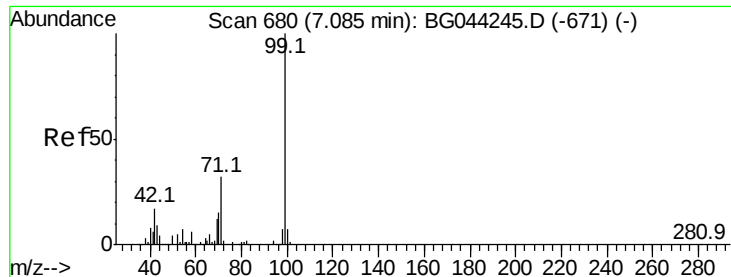
Delta R.T. -0.01 min

Lab File: BG044364.D

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Tgt Ion:	93	Resp:	147615
Ion Ratio	Lower	Upper	
93	100		
66	36.4	28.7	43.1
65	19.1	15.4	23.0





#7

Phenol-d6

Concen: 100.005 ng

RT: 7.08 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

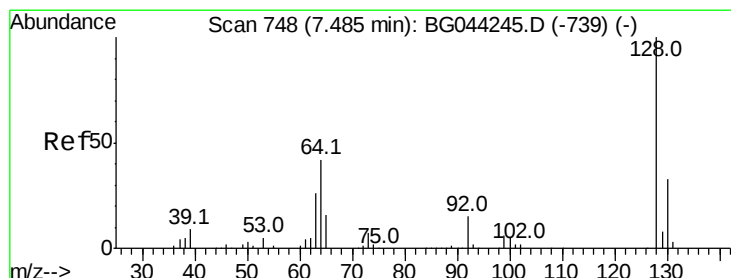
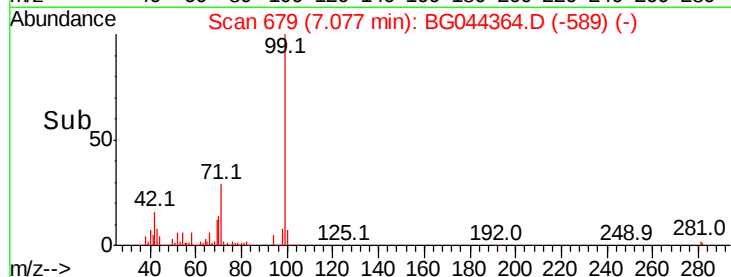
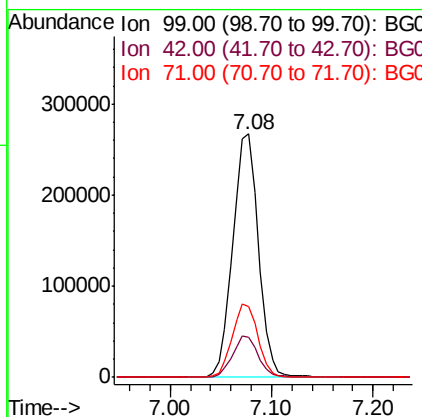
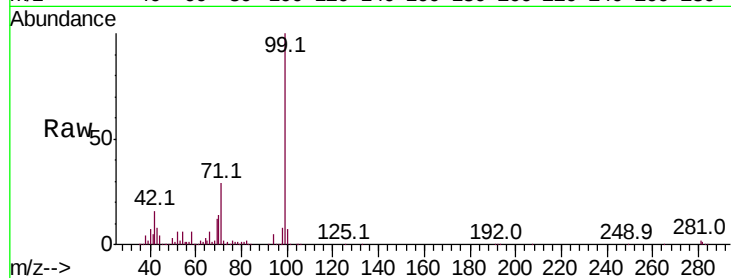
ClientSampleId :

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Tot Ion:	99	Resp:	469841
Ion Ratio	Lower	Upper	
99	100		
42	16.2	13.8	20.6
71	29.1	25.5	38.3

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#8

2-Chlorophenol

Concen: 48.353 ng

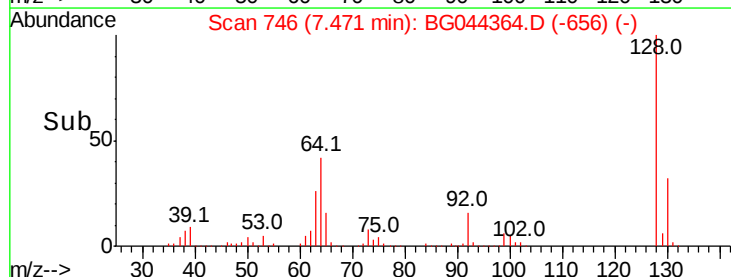
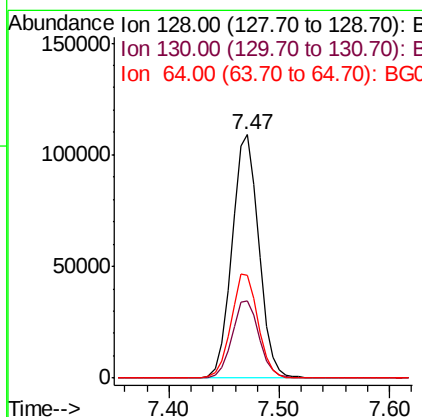
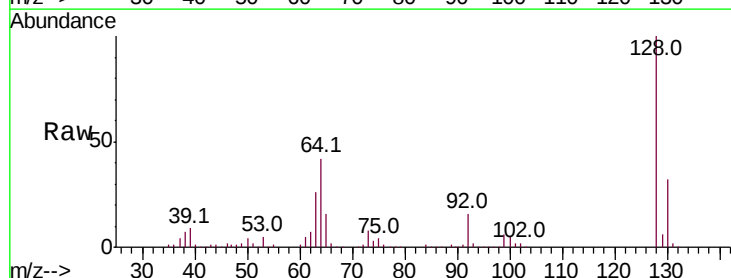
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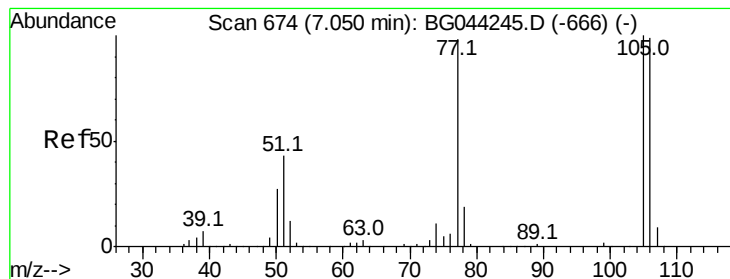
Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Tgt Ion:	128	Resp:	185924
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.5	52.5
64	42.1	24.2	64.2





#9

Benzaldehyde

Concen: 27.803 ng

RT: 7.04 min Scan# 672

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

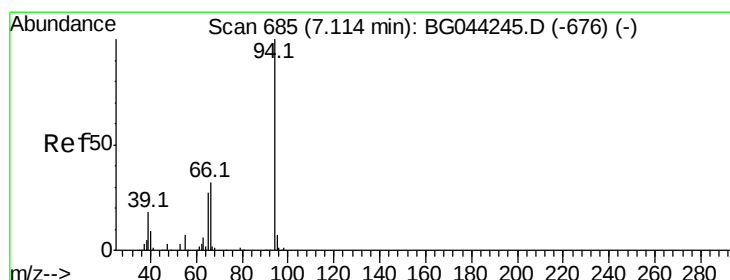
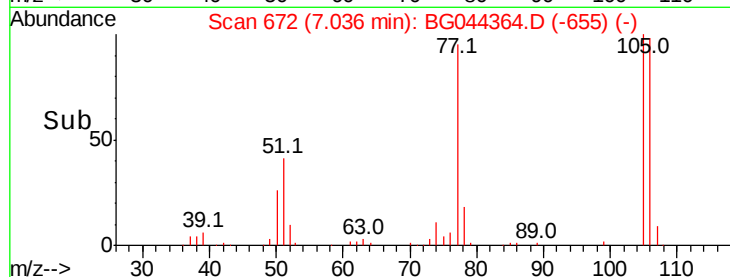
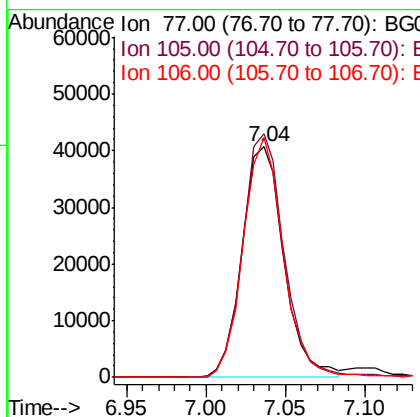
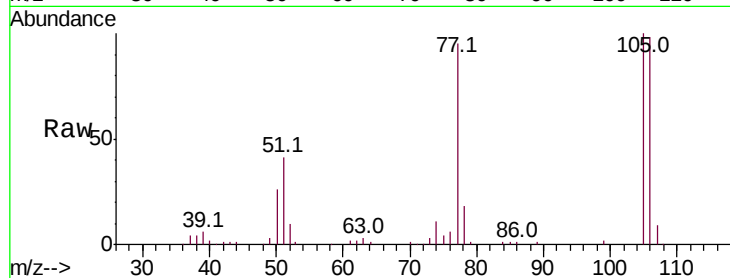
ClientSampleId :

PE-1-(BASE)MSD

Tot Ion:	77	Resp:	74394
Ion	Ratio	Lower	Upper
77	100		
105	105.7	82.0	122.0
106	104.1	80.7	120.7

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#10

Phenol

Concen: 49.744 ng

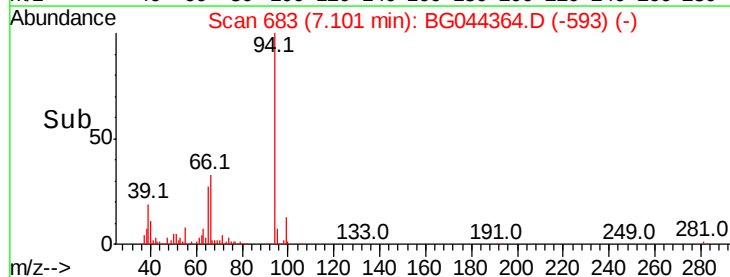
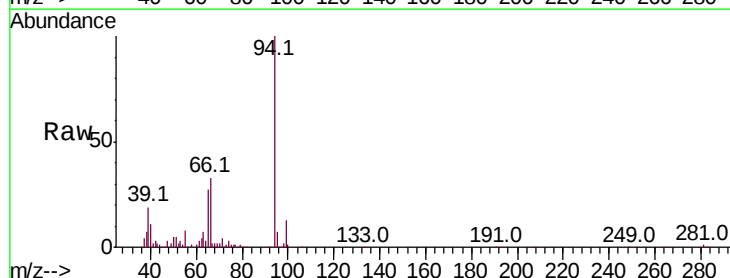
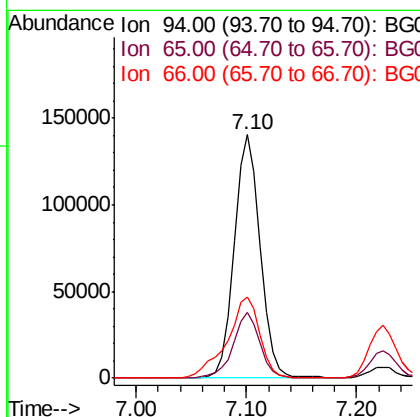
RT: 7.10 min Scan# 683

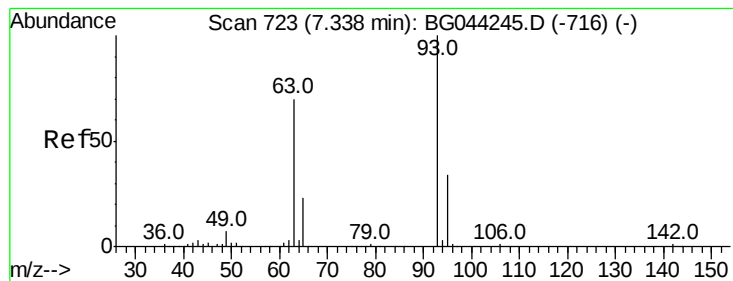
Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Tgt Ion:	94	Resp:	231290
Ion	Ratio	Lower	Upper
94	100		
65	27.1	7.0	47.0
66	33.5	12.7	52.7





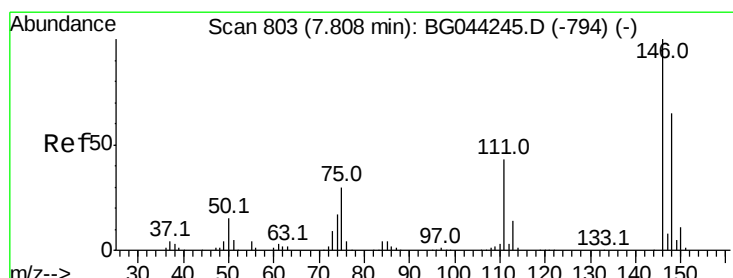
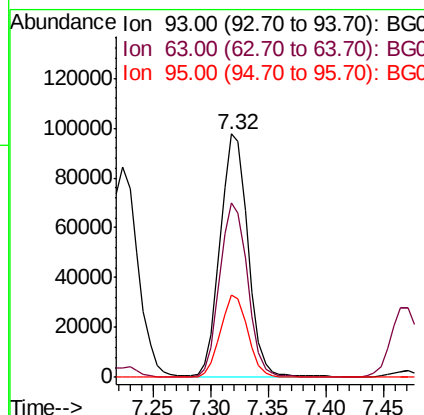
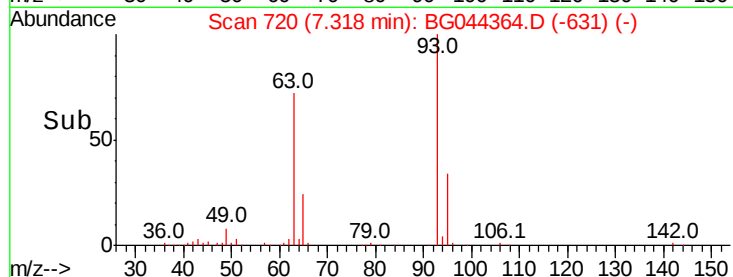
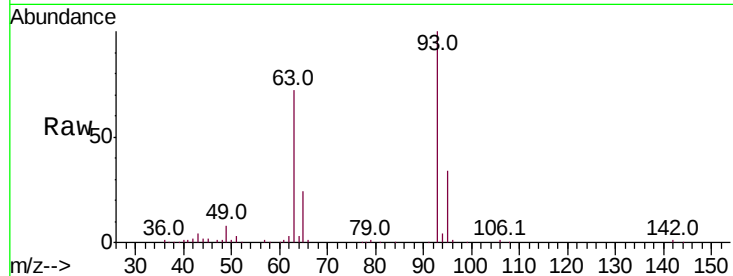
#11
bis(2-Chloroethyl)ether
Concen: 41.117 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.9	49.2	89.2
95	34.0	13.6	53.6

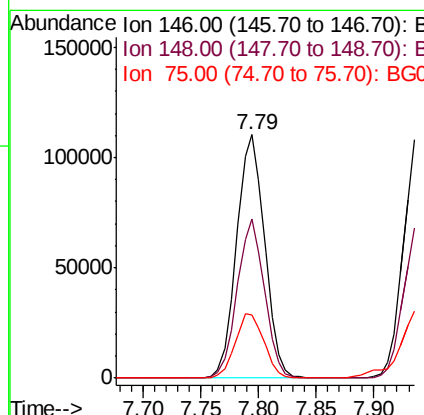
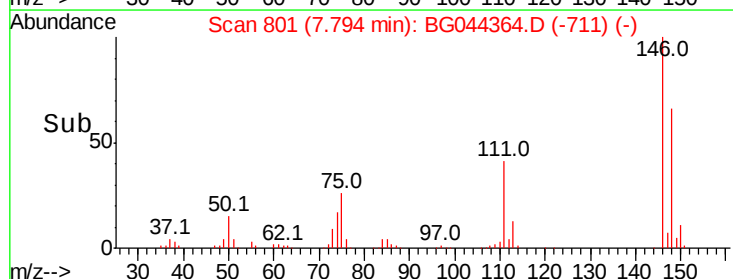
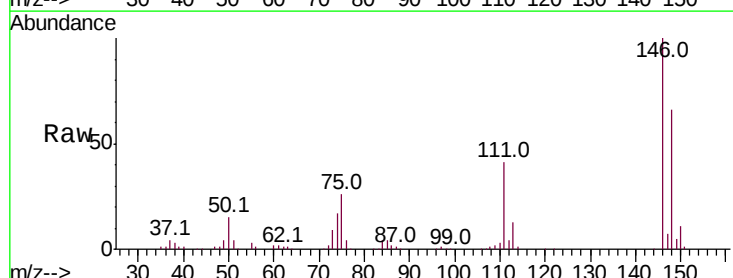
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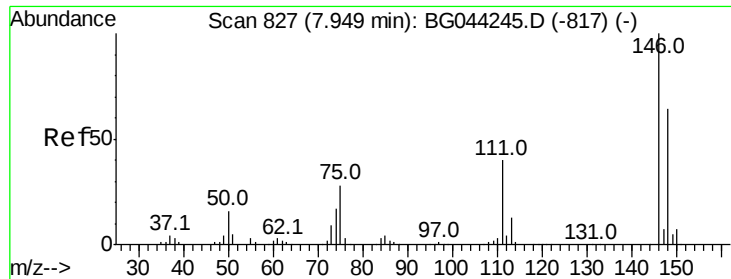
mohammad
2/12/2020 9:49:42 AM



#12
1,3-Dichlorobenzene
Concen: 40.364 ng
RT: 7.79 min Scan# 801
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.8	77.8
75	26.1	23.7	35.5





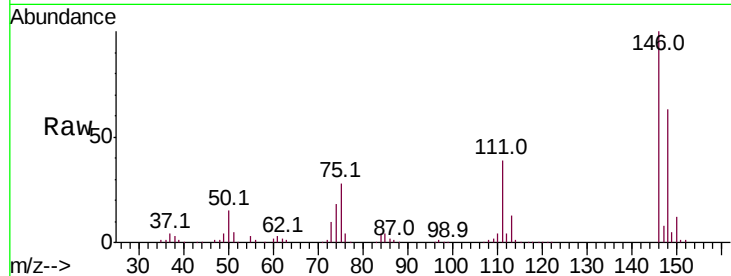
#13
 1,4-Dichlorobenzene
 Concen: 40.988 ng
 RT: 7.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.0
111	39.0	31.8	47.8

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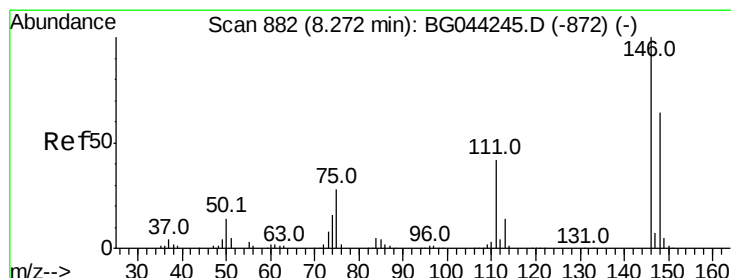
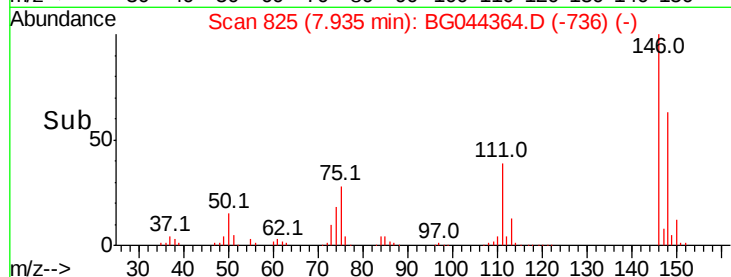
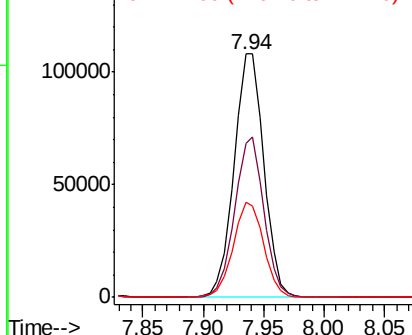


Abundance

Ion 146.00 (145.70 to 146.70): E

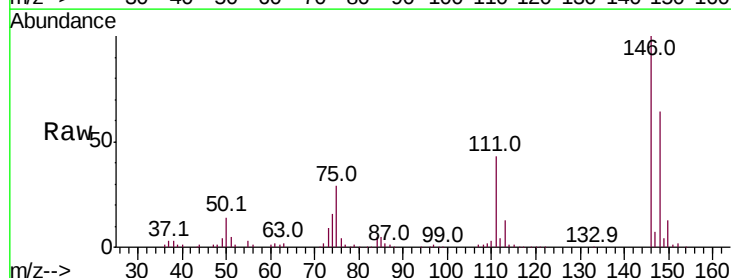
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 41.424 ng
 RT: 8.26 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
111	42.7	34.0	51.0

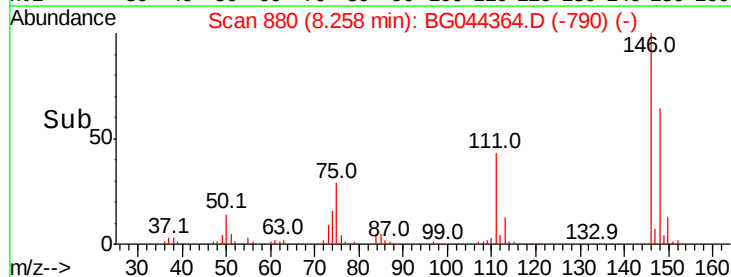
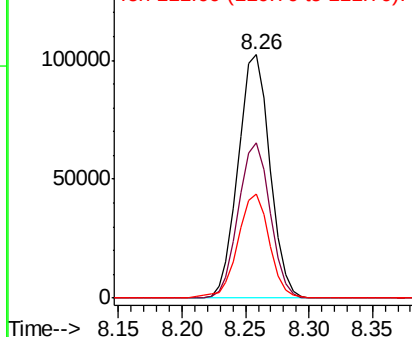


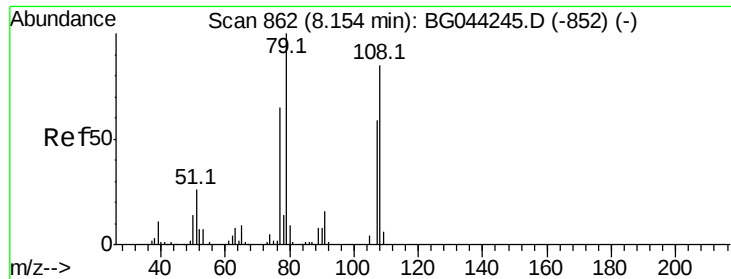
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.845 ng

RT: 8.14 min Scan# 860

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

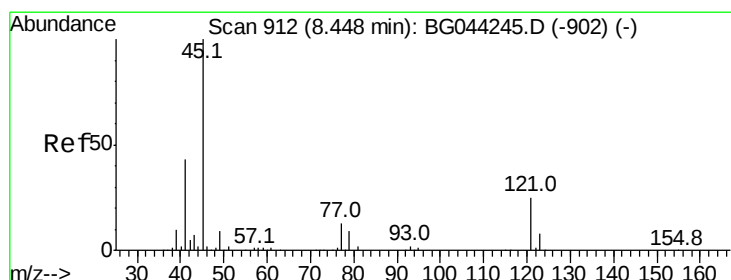
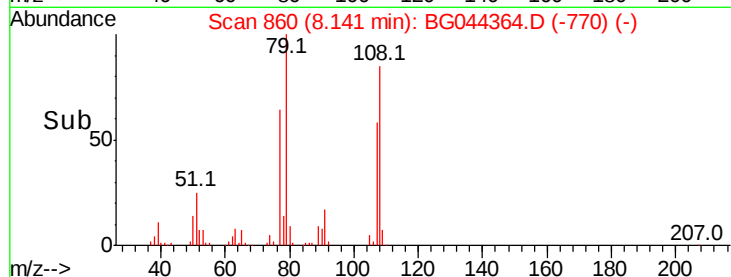
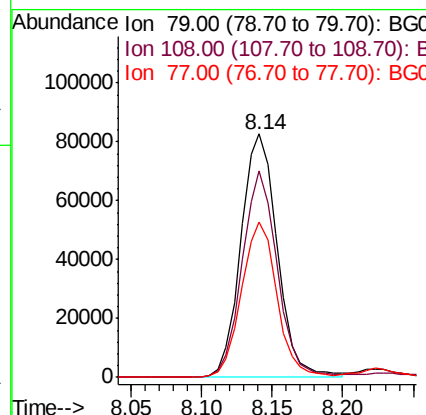
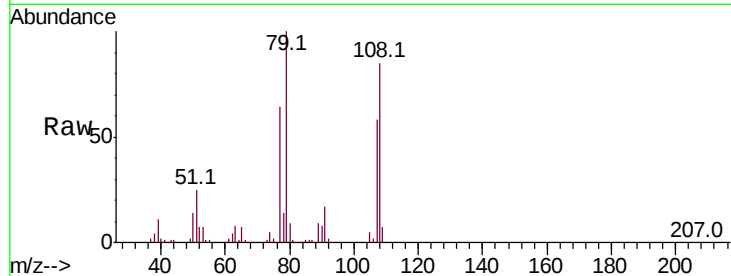
ClientSampleId :

PE-1-(BASE)MSD

Tot Ion	79	108	77
Resp:	149165	102.5	77.8
Ratio	100	84.7	63.9
Lower		68.3	51.8
Upper		102.5	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 39.446 ng

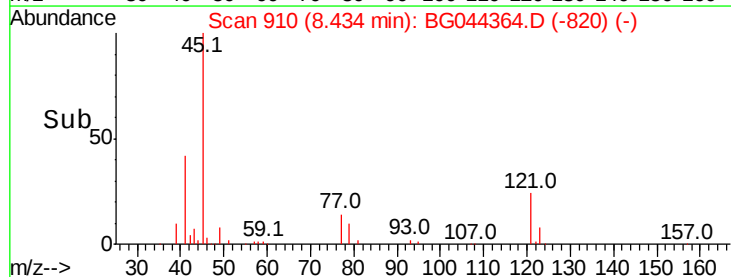
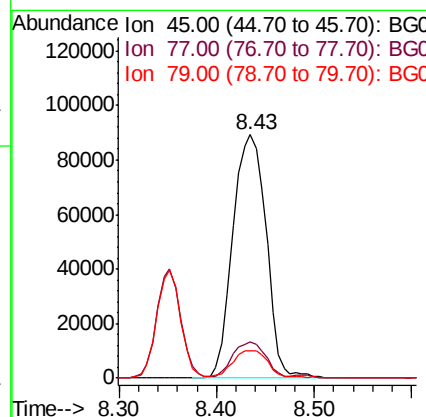
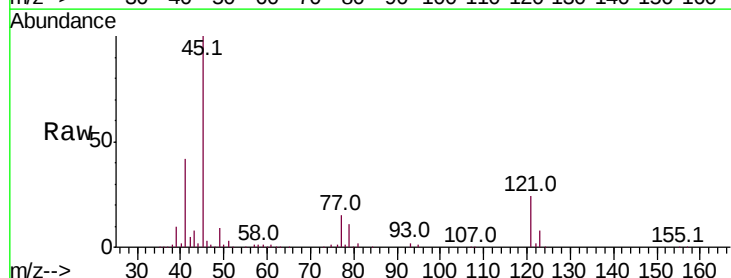
RT: 8.43 min Scan# 910

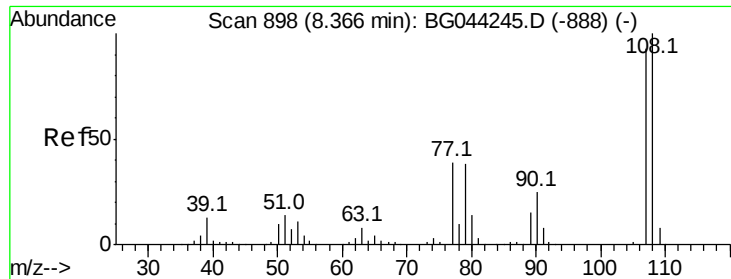
Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Tgt Ion	45	77	79
Resp:	212231	35.2	31.1
Ratio	100	15.0	11.1
Lower		0.0	0.0
Upper		35.2	31.1





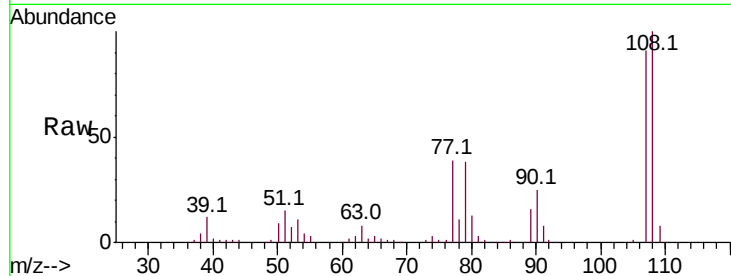
#17
2-Methylphenol
Concen: 47.604 ng
RT: 8.35 min Scan# 896
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.7	86.4	129.6	
77	42.3	34.0	51.0	
79	42.0	32.9	49.3	

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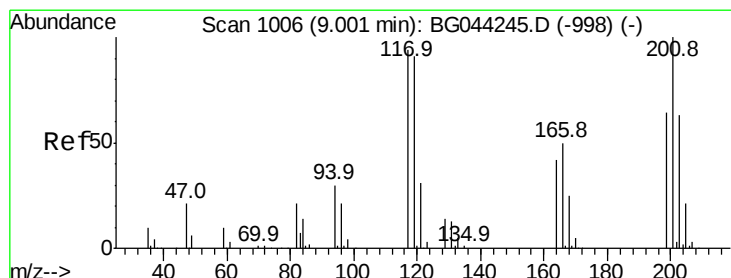
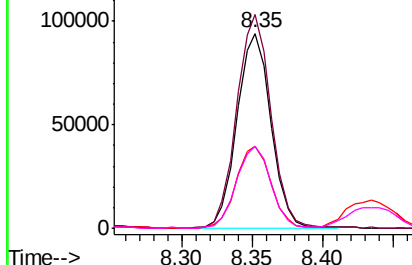
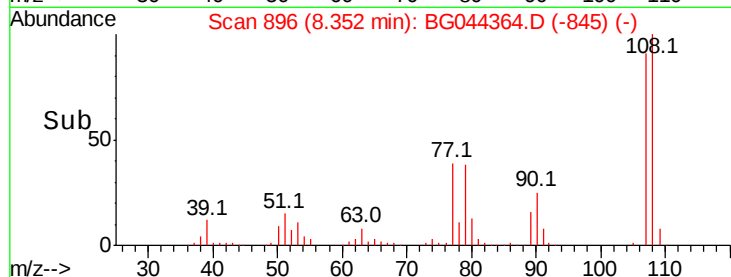
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

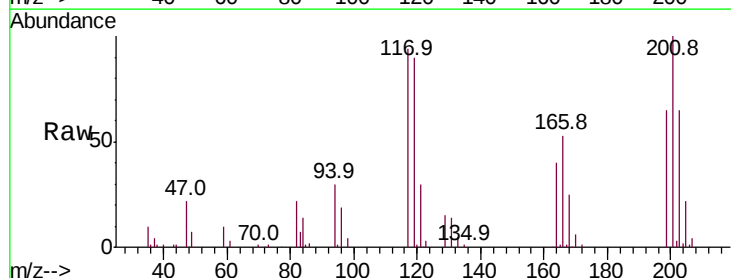
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.656 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	77.5	116.3	
201	106.5	84.9	127.3	

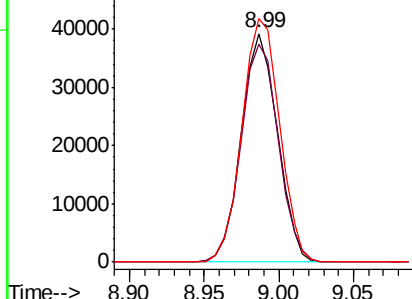
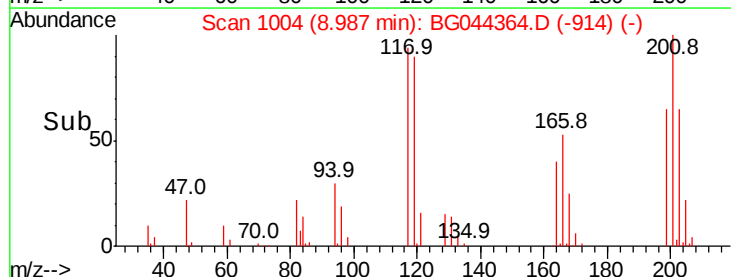


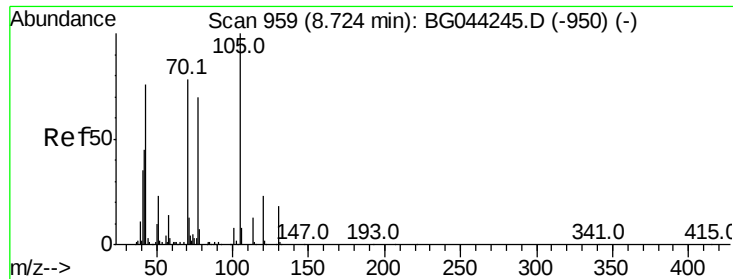
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





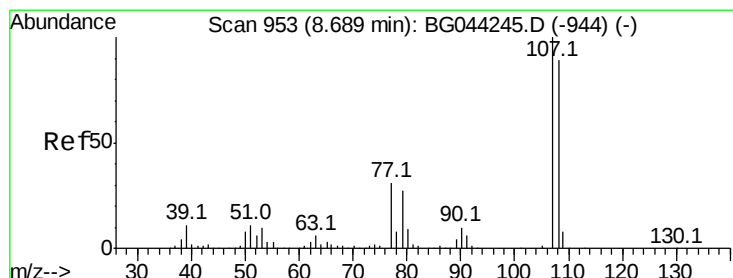
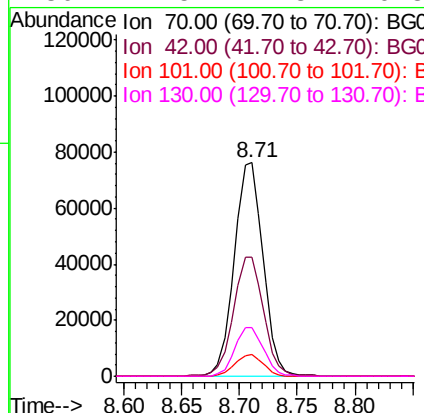
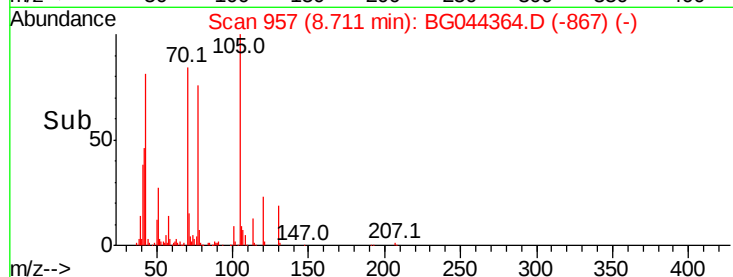
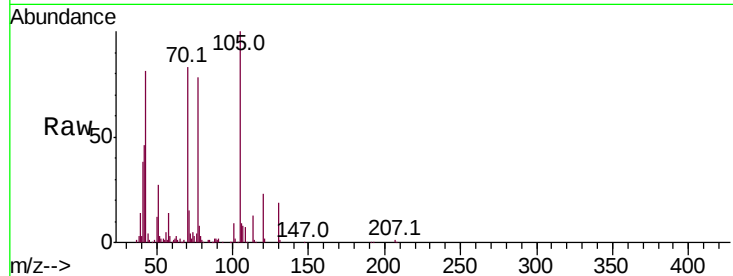
#19
n-Nitroso-di-n-propylamine
Concen: 42.127 ng
RT: 8.71 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.4	46.2	69.2
101	10.4	8.4	12.6
130	22.5	17.8	26.8

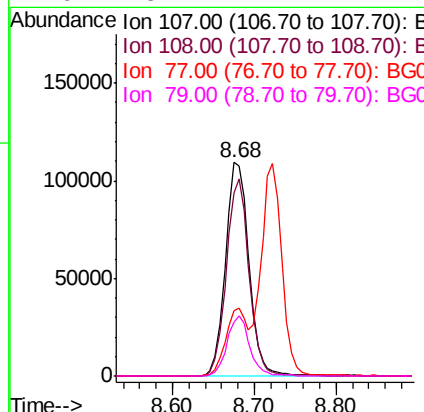
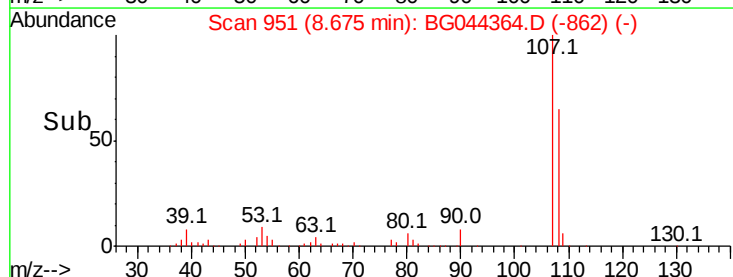
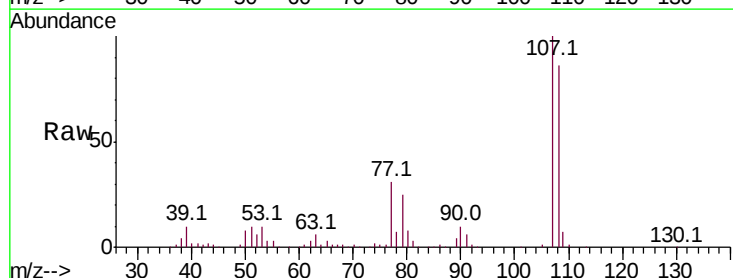
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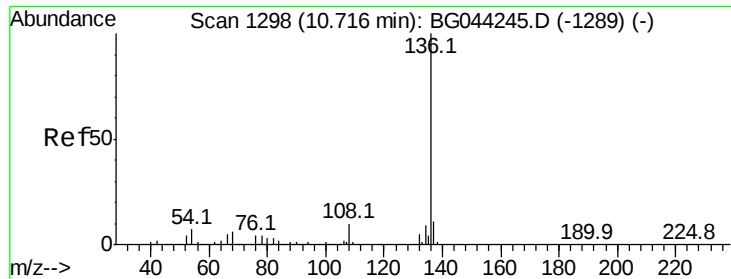
mohammad
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#20
3+4-Methylphenols
Concen: 47.985 ng
RT: 8.68 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	68.5	108.5
77	30.5	10.9	50.9
79	25.1	7.1	47.1





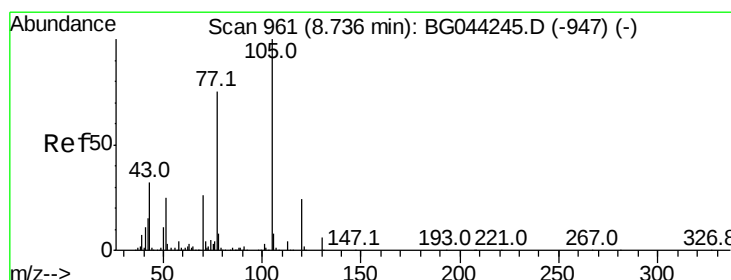
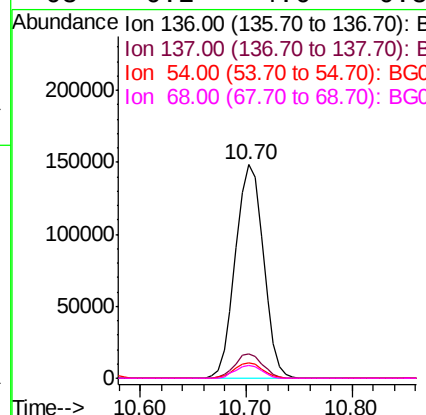
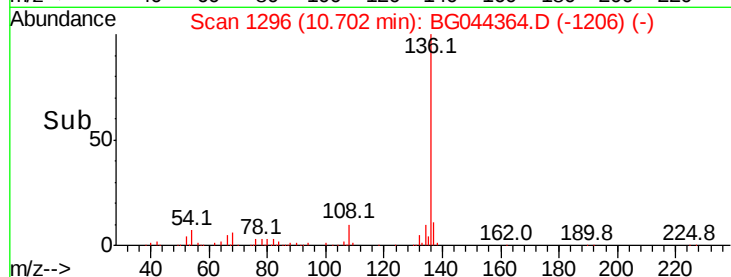
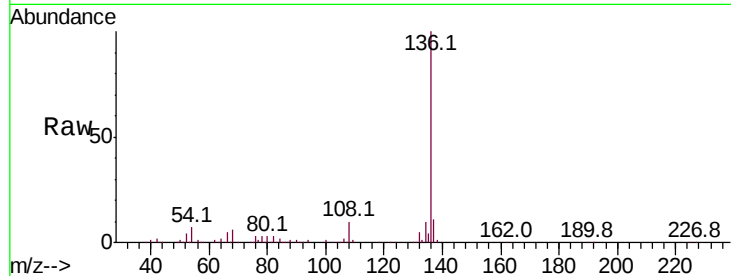
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	271517		
137	11.4		8.8	13.2
54	7.5		5.8	8.8
68	6.2		4.6	6.8

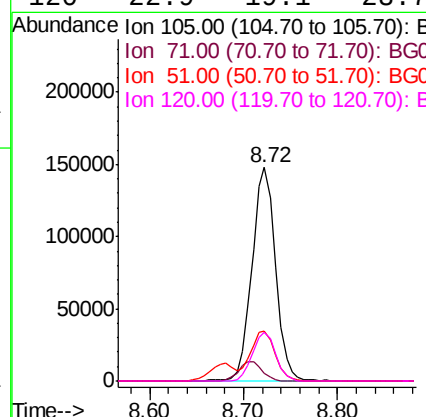
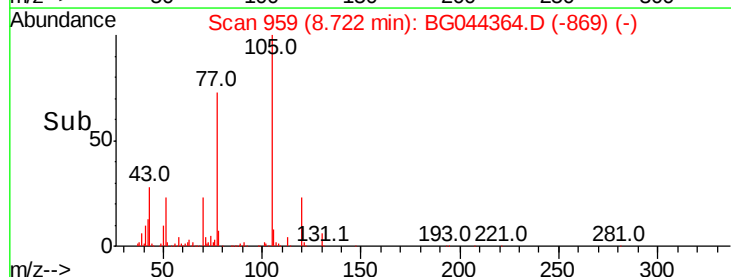
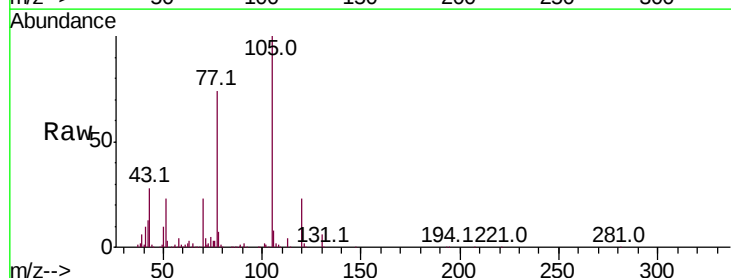
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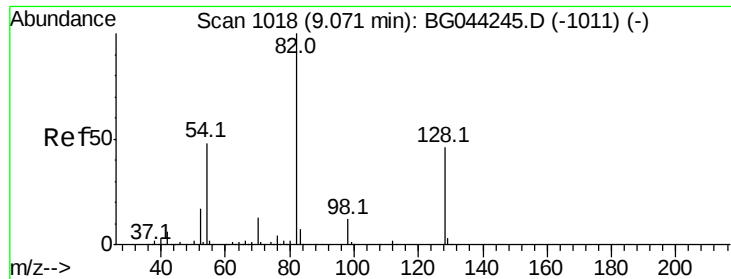
mohammad
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#22
Acetophenone
Concen: 38.892 ng
RT: 8.72 min Scan# 959
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	256889		
71	3.6		3.4	5.0
51	23.5		20.2	30.4
120	22.9		19.1	28.7





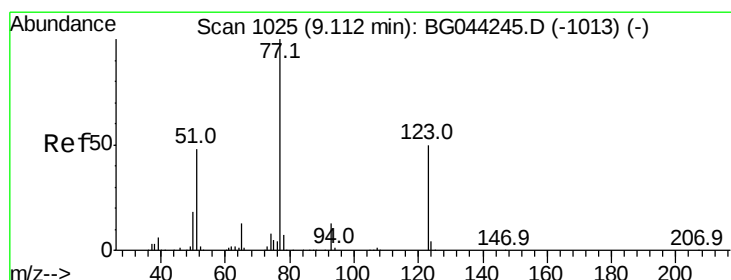
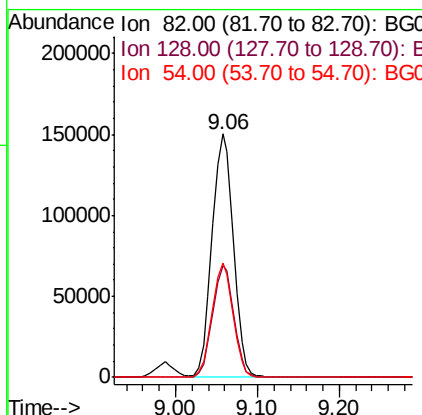
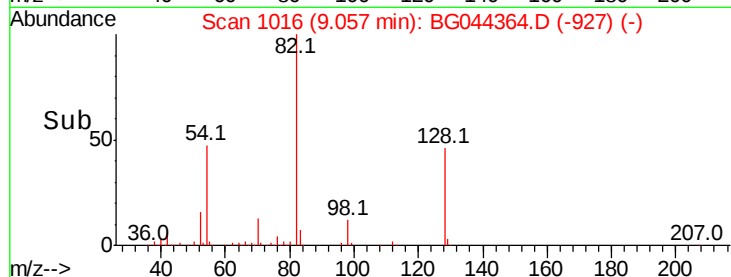
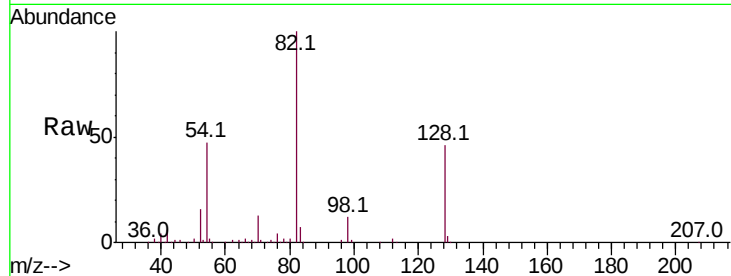
#23
Nitrobenzene-d5
Concen: 57.273 ng
RT: 9.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.5	54.7
54	47.0	38.6	58.0

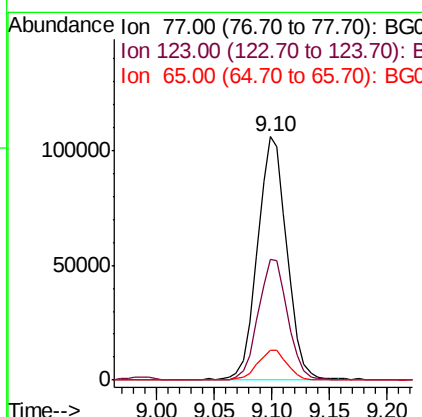
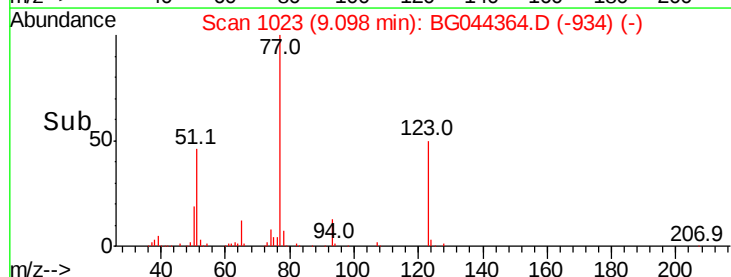
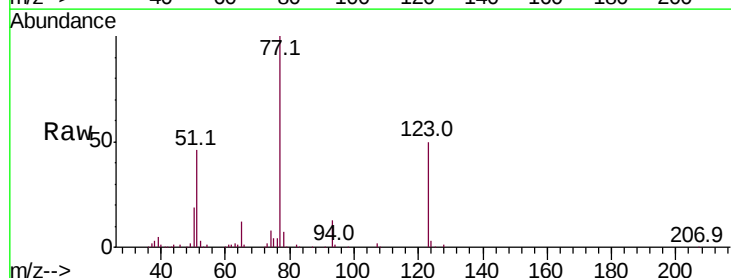
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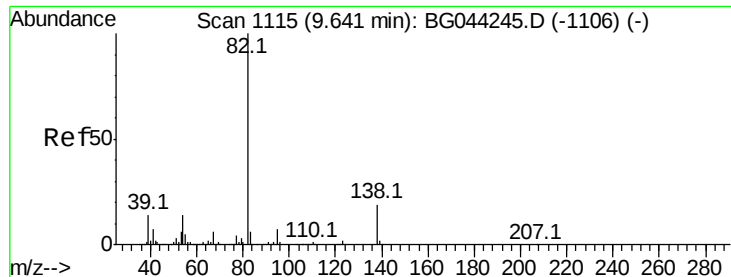
mohammad
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#24
Nitrobenzene
Concen: 40.078 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.6	39.9	59.9
65	12.2	10.4	15.6





#25

Isophorone

Concen: 42.025 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

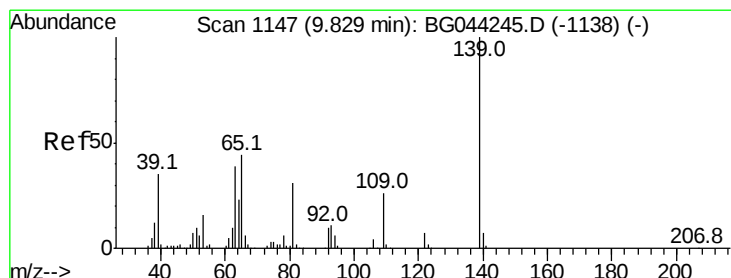
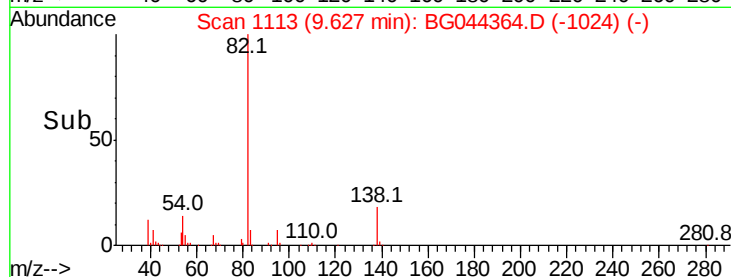
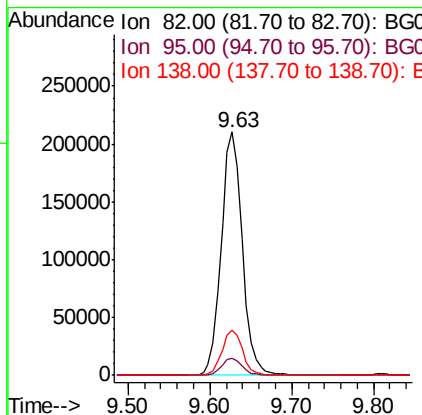
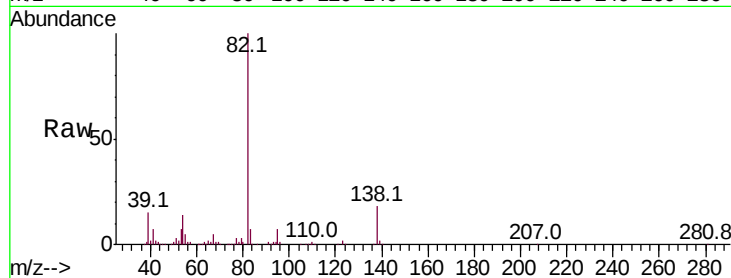
ClientSampleId :

PE-1-(BASE)MSD

Tot Ion:	82	Resp:	376710
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	18.4	15.0	22.4

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#26

2-Nitrophenol

Concen: 42.880 ng

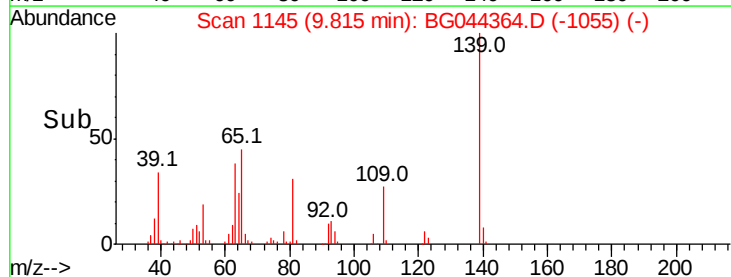
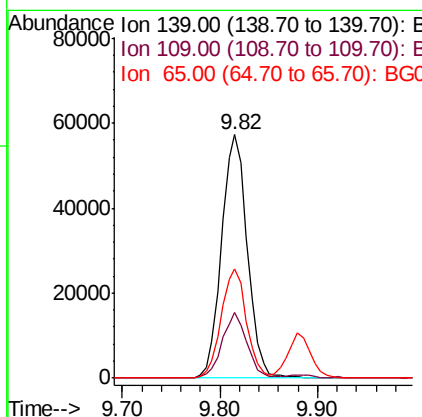
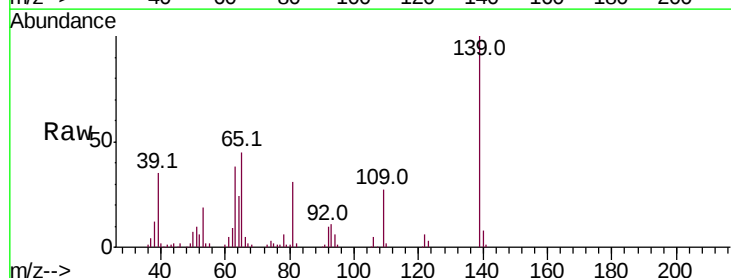
RT: 9.82 min Scan# 1145

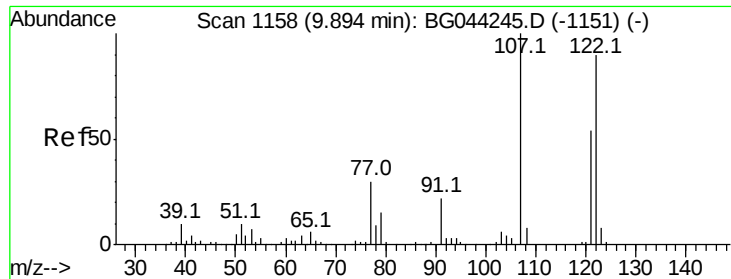
Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Tgt Ion:	139	Resp:	104465
Ion Ratio	Lower	Upper	
139	100		
109	27.0	21.0	31.4
65	44.8	35.0	52.4





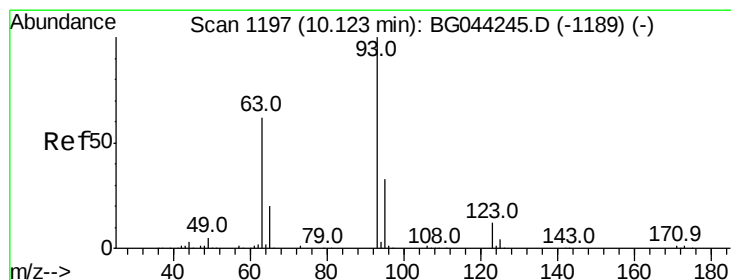
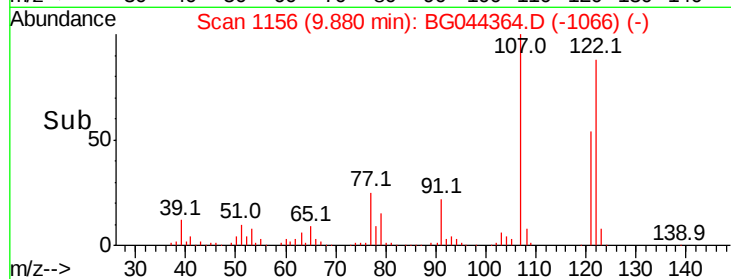
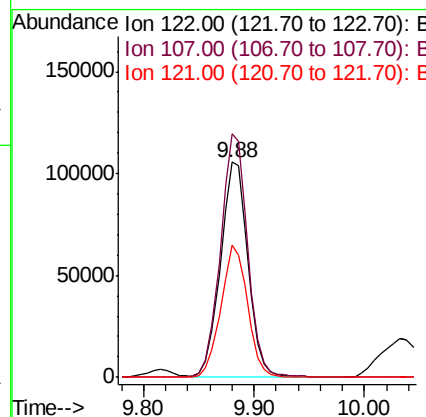
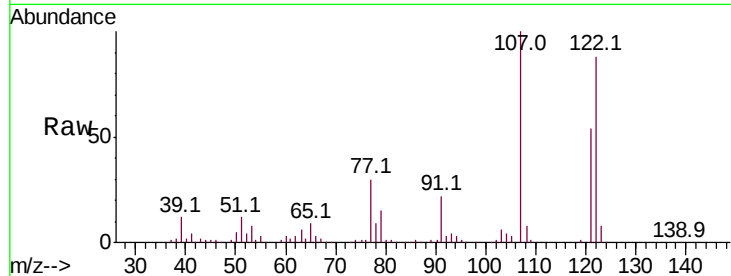
#27
2,4-Dimethylphenol
Concen: 52.907 ng
RT: 9.88 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		181948		
107	113.2	88.8	133.2		
121	61.6	48.3	72.5		

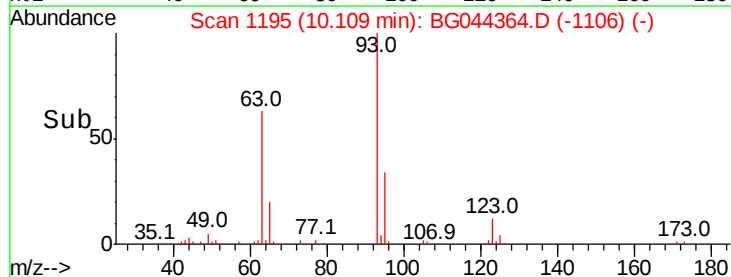
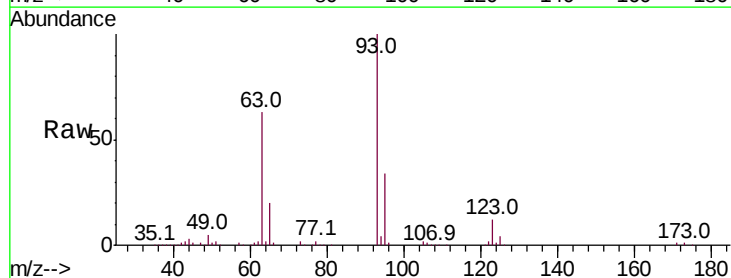
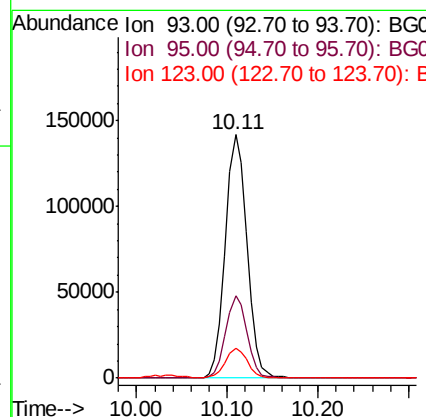
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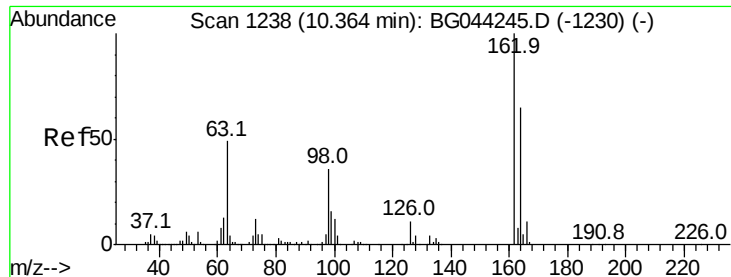
mohammad
2/12/2020 9:49:42 AM



#28
bis(2-Chloroethoxy)methane
Concen: 39.368 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		235413		
95	33.6	26.6	40.0		
123	12.1	10.0	15.0		





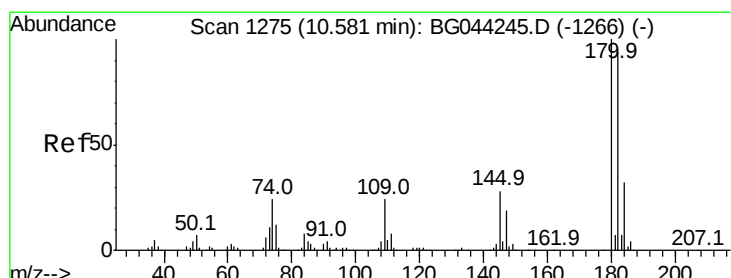
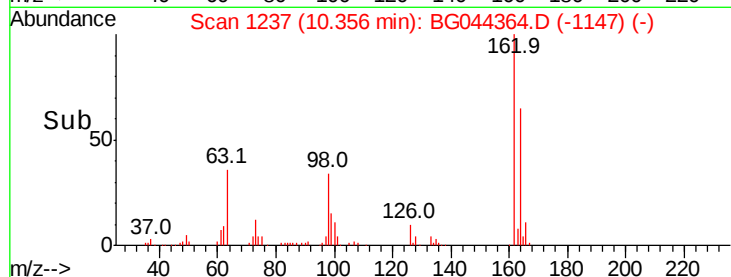
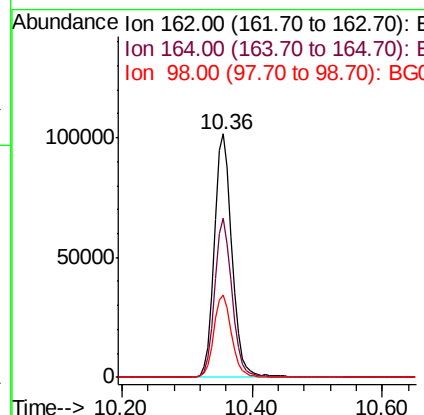
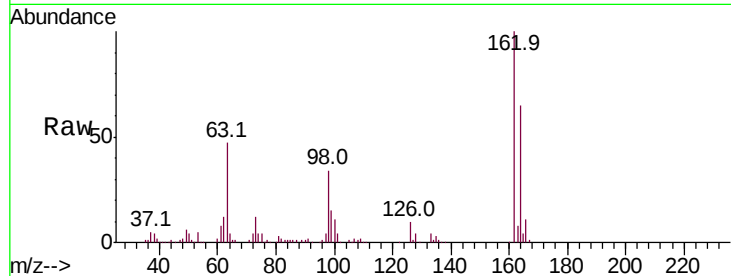
#29
 2,4-Dichlorophenol
 Concen: 45.917 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	190937		
164	65.5	44.7	84.7	
98	34.0	15.8	55.8	

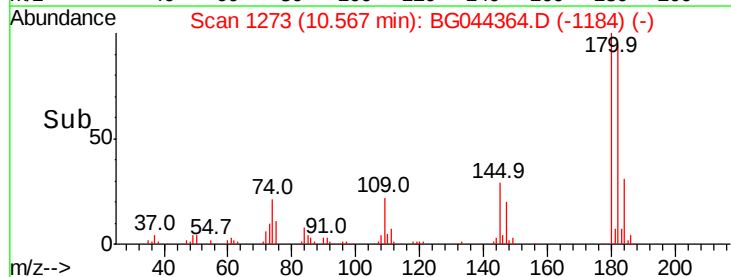
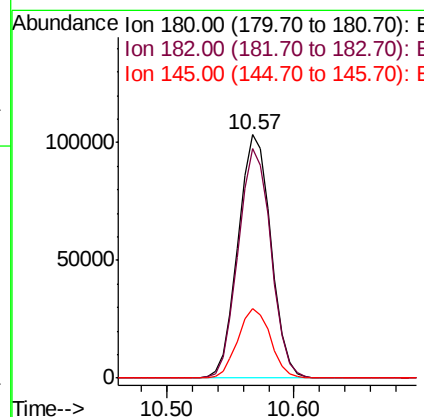
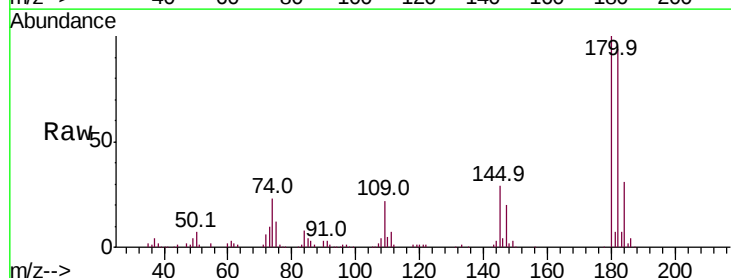
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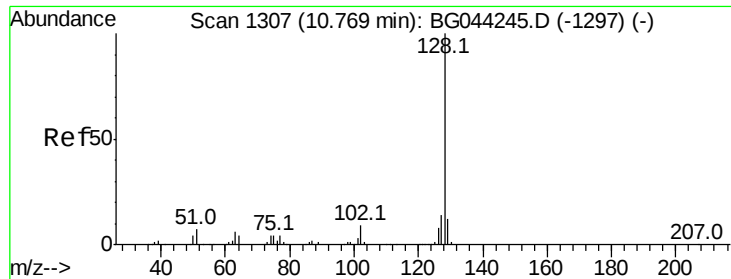
mohammad
 2/12/2020 9:49:42 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.796 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	184984		
182	94.5	75.5	113.3	
145	28.6	22.6	34.0	





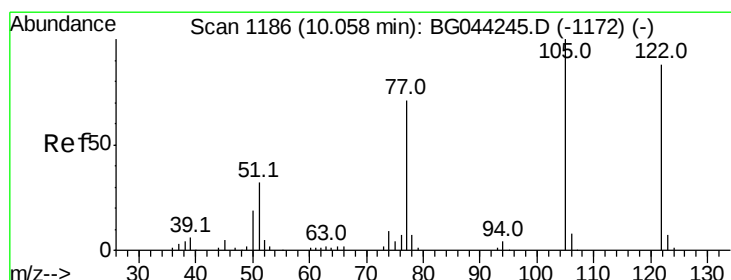
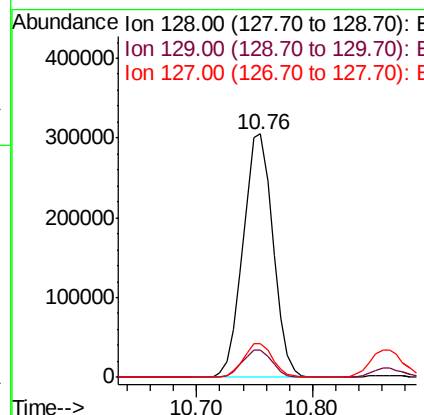
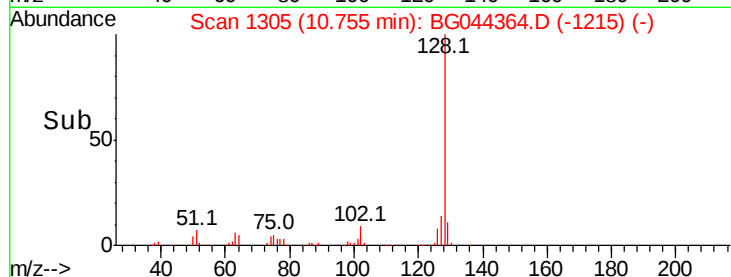
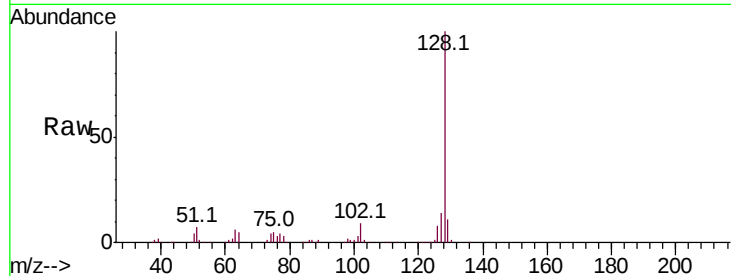
#31
Naphthalene
Concen: 41.757 ng
RT: 10.76 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.3	13.9
127	13.8	11.6	17.4

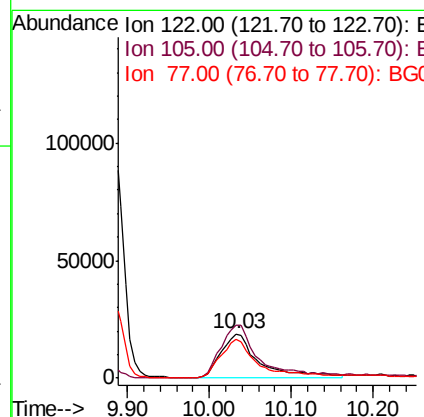
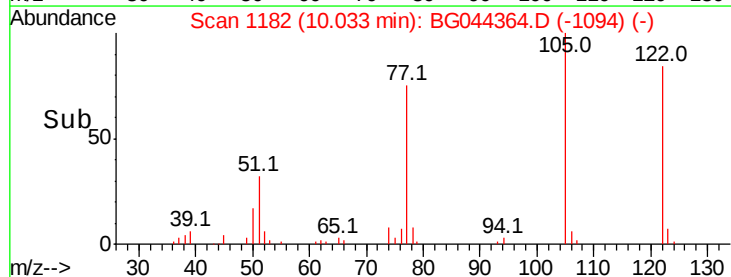
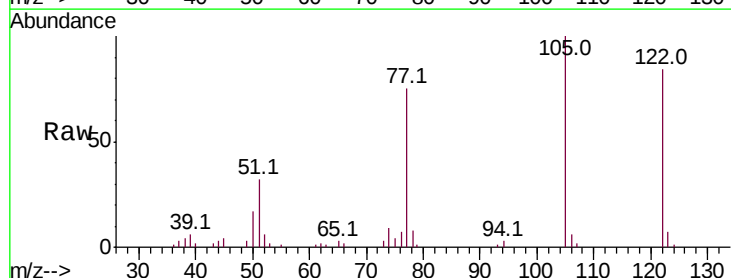
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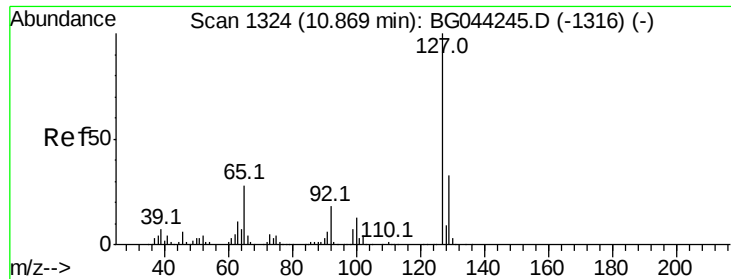
mohammad
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#32
Benzoic acid
Concen: 33.140 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.8	93.5	133.5
77	89.1	61.0	101.0





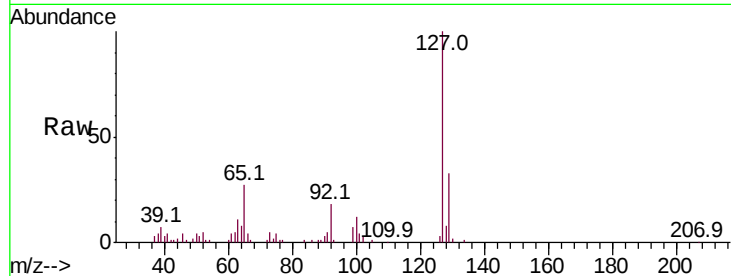
#33
4-Chloroaniline
Concen: 12.073 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.6	40.0
65	27.0	22.5	33.7
92	18.4	14.1	21.1

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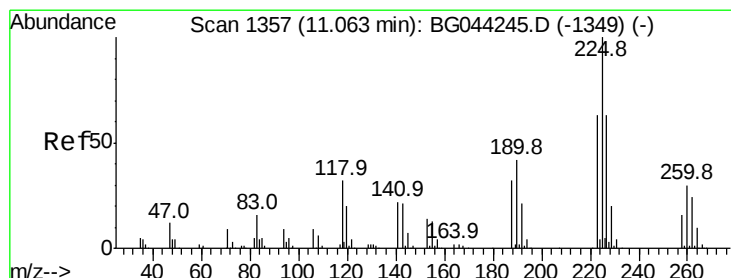
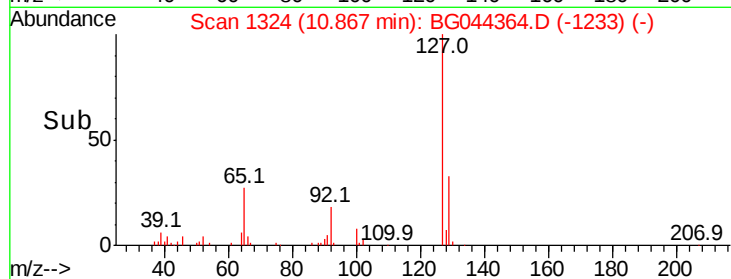
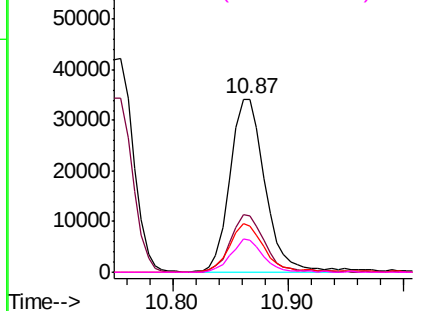
Abundance

Ion 129.00 (128.70 to 129.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 37.546 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

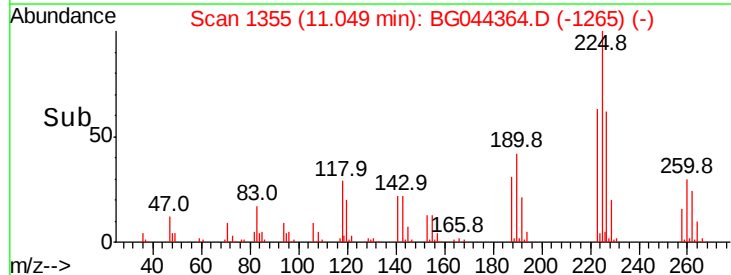
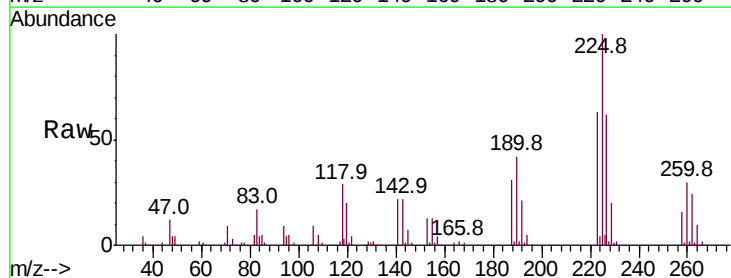
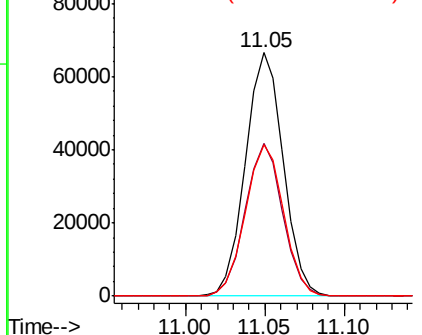
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.4
227	62.4	50.8	76.2

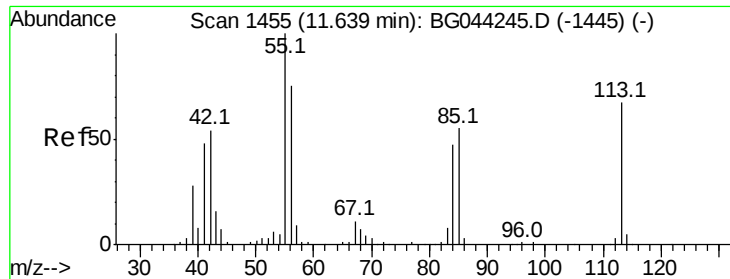
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





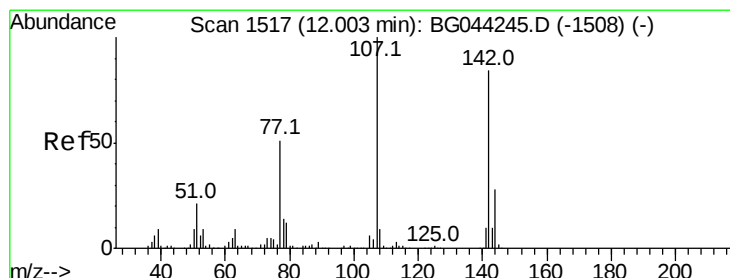
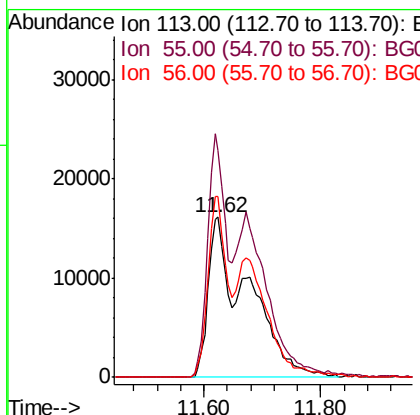
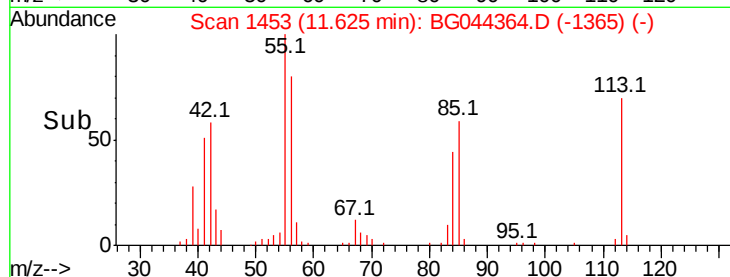
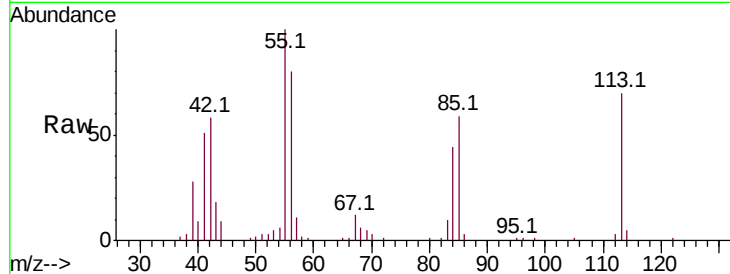
#35
 Caprolactam
 Concen: 49.745 ng/ml
 RT: 11.62 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.0	129.9	169.9
56	113.3	92.5	132.5

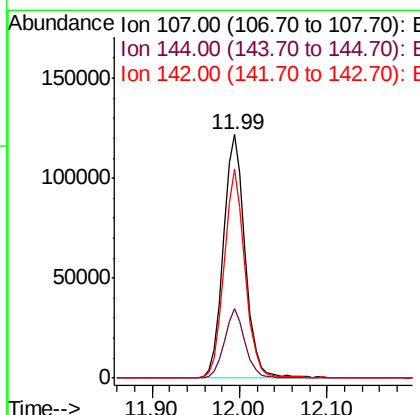
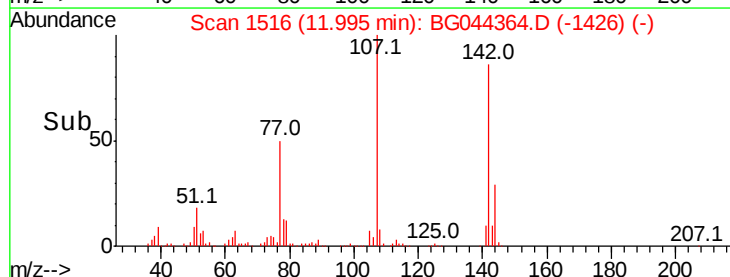
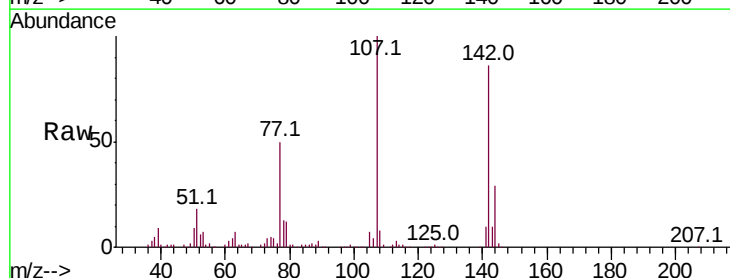
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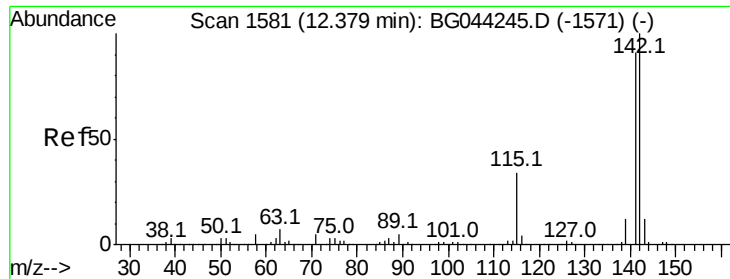
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 47.815 ng/ml
 RT: 11.99 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	28.5	22.2	33.4
142	85.6	67.4	101.0





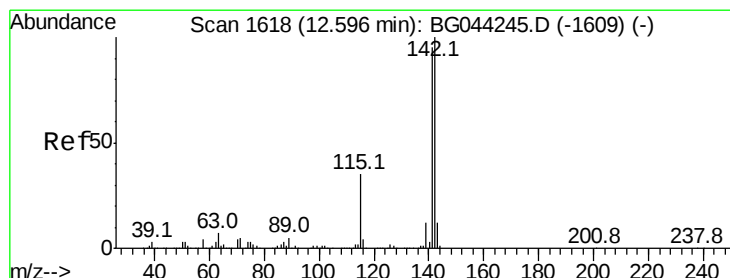
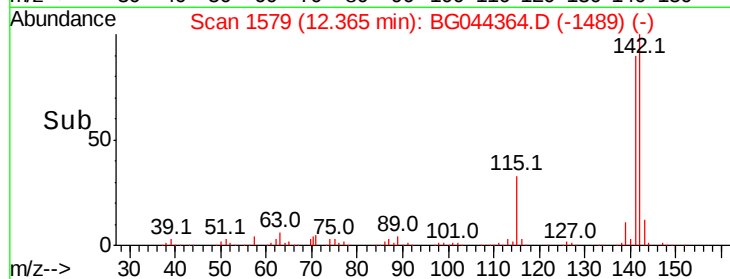
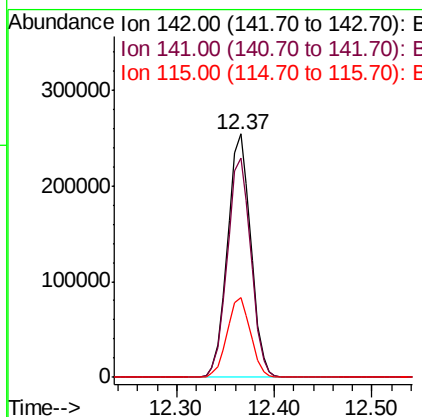
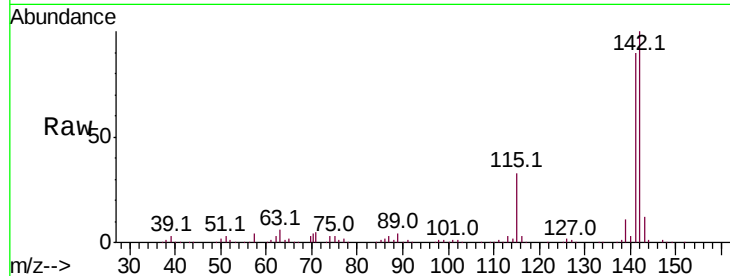
#37
2-Methylnaphthalene
Concen: 43.020 ng
RT: 12.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	73.2	109.8
115	32.7	27.1	40.7

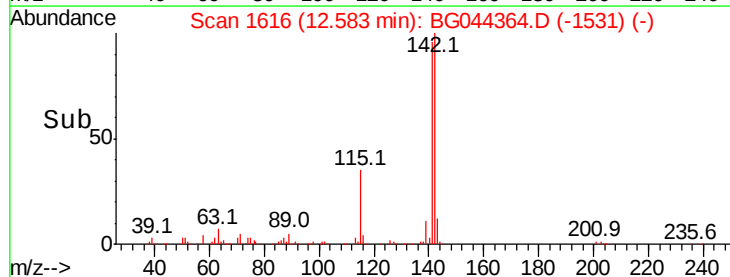
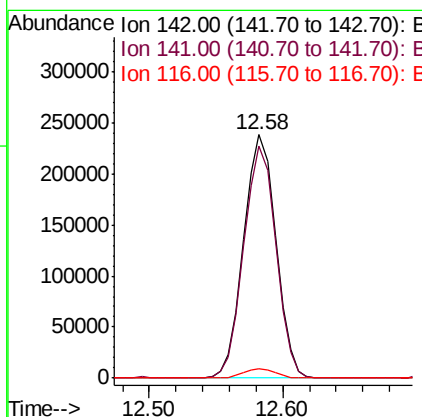
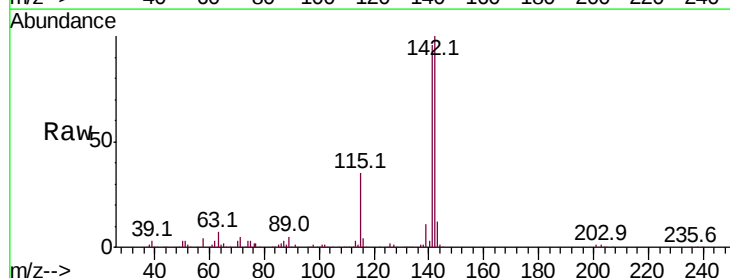
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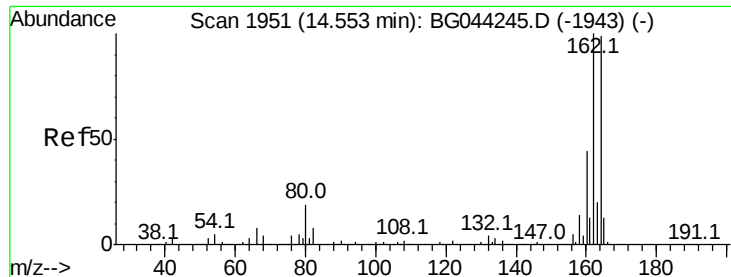
mohammad
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#38
1-Methylnaphthalene
Concen: 43.174 ng
RT: 12.58 min Scan# 1616
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.6	75.8	113.6
116	3.7	3.1	4.7





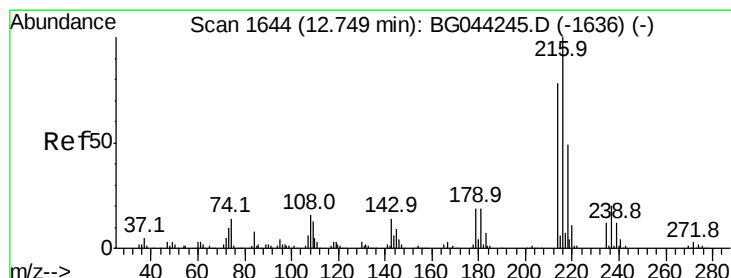
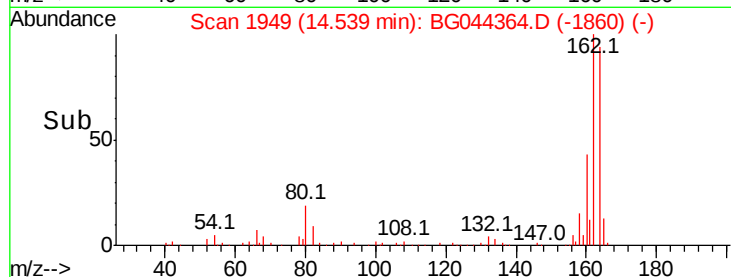
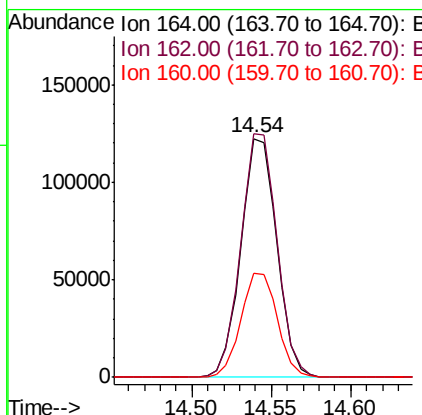
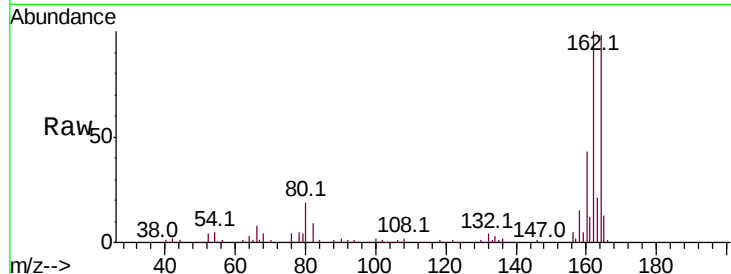
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1949
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	80.7	121.1
160	43.7	35.3	52.9

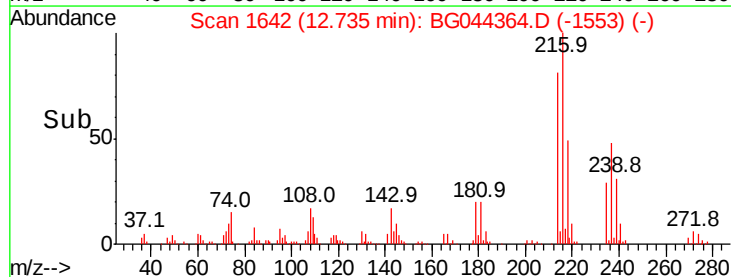
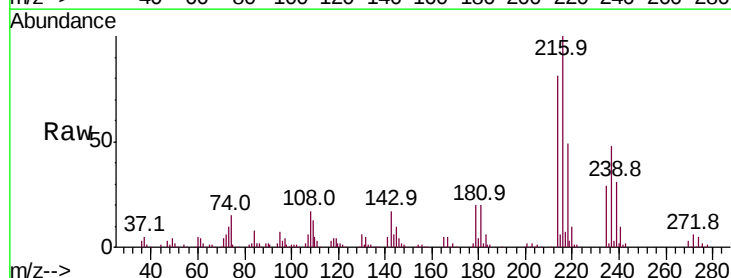
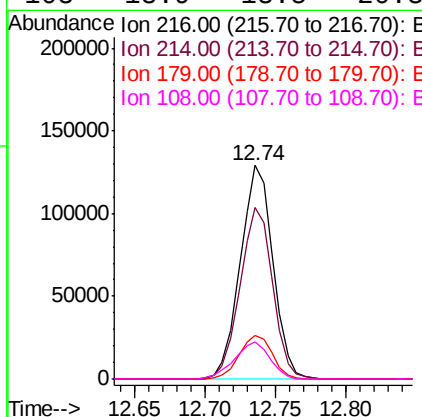
Manual Integrations
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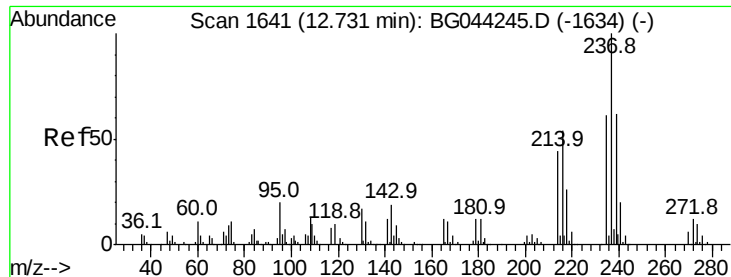
mohammad
2/12/2020 9:49:42 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.130 ng
RT: 12.74 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.2	63.0	94.6
179	20.6	16.2	24.4
108	18.9	13.5	20.3





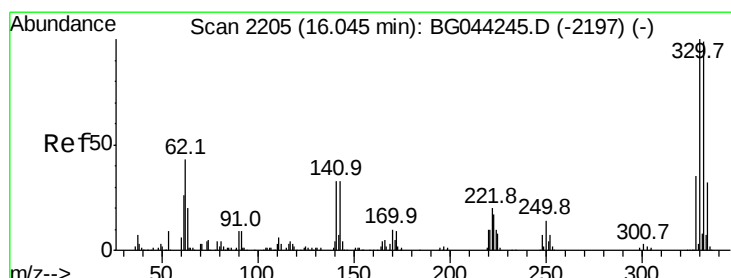
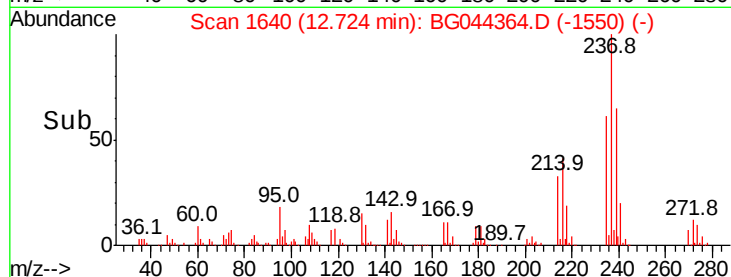
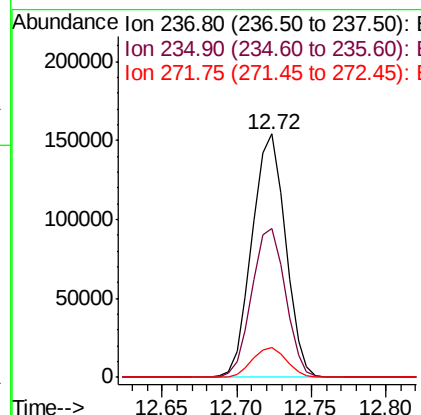
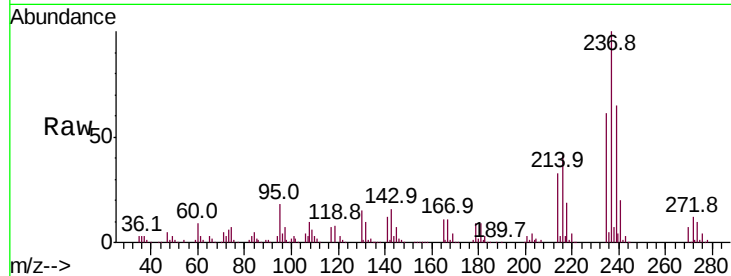
#41
Hexachlorocyclopentadiene
Concen: 86.148 ng
RT: 12.72 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.3	41.2	81.2
272	12.3	0.0	32.4

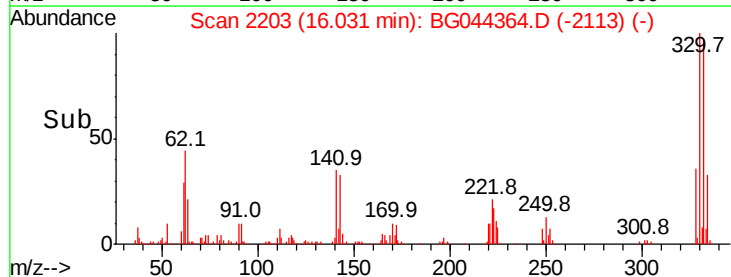
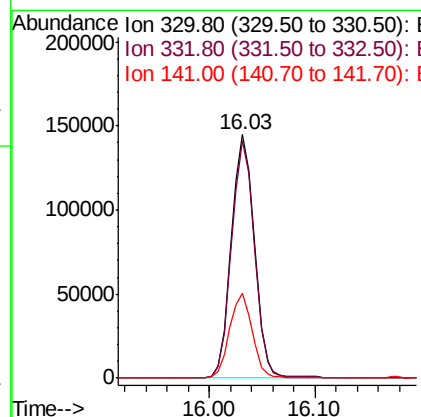
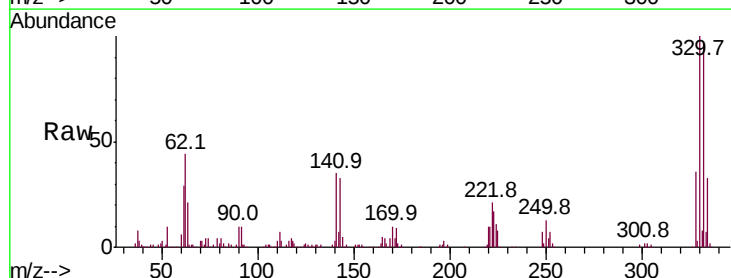
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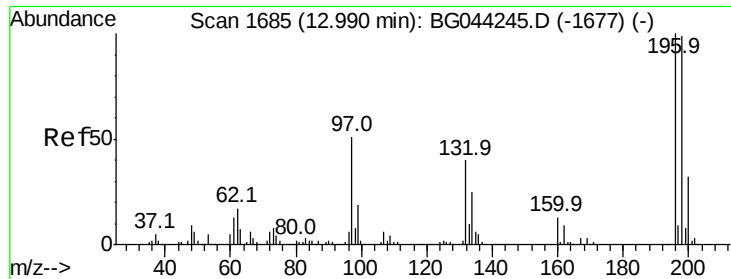
mohammad
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#42
2,4,6-Tribromophenol
Concen: 96.703 ng
RT: 16.03 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.6	77.2	115.8
141	34.4	28.3	42.5





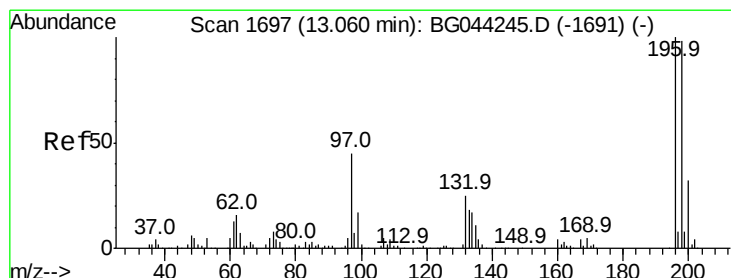
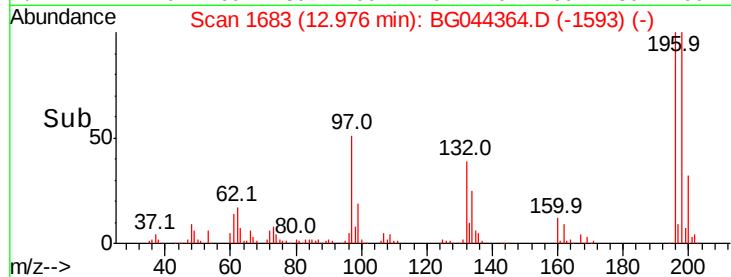
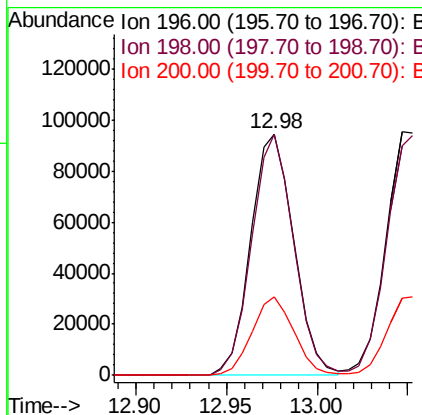
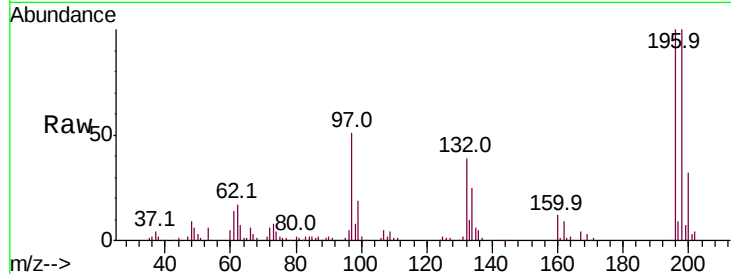
#43
 2,4,6-Trichlorophenol
 Concen: 41.764 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	155788		
198	99.6	79.3	118.9	
200	32.3	25.7	38.5	

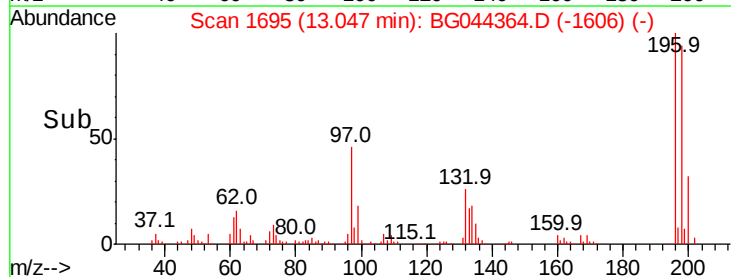
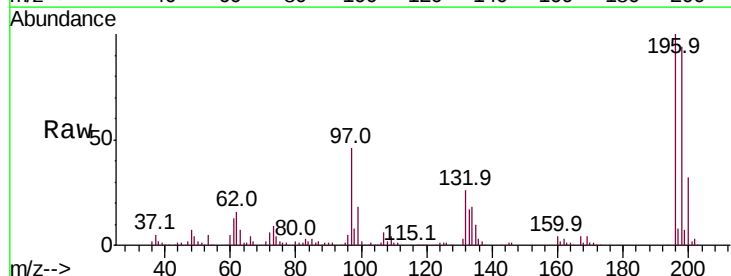
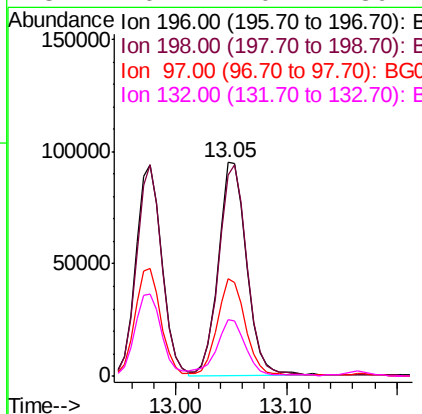
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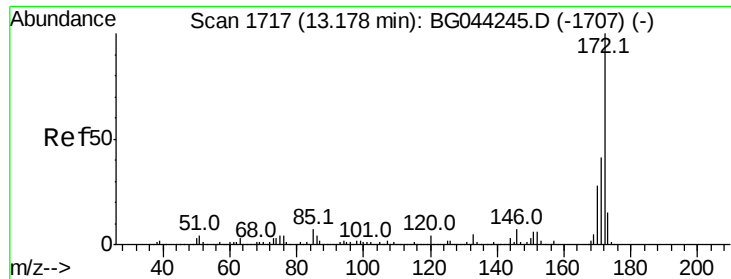
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#44
 2,4,5-Trichlorophenol
 Concen: 44.889 ng
 RT: 13.05 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171026		
198	94.1	78.2	117.2	
97	45.8	36.2	54.4	
132	26.4	20.2	30.4	





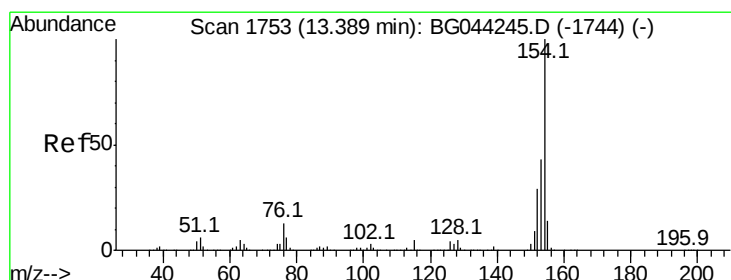
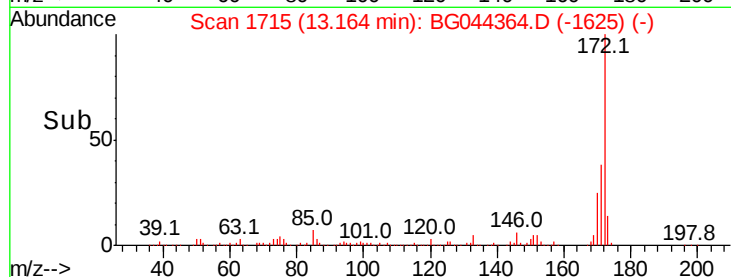
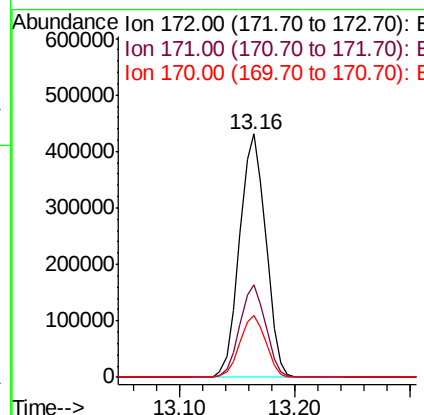
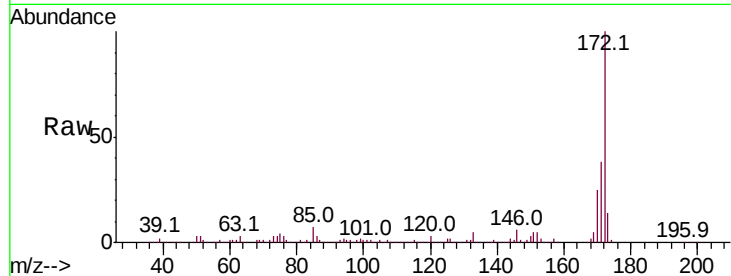
#45
2-Fluorobiphenyl
Concen: 58.803 ng
RT: 13.16 min Scan# 1715
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	677455		
171	38.2		32.9	49.3
170	25.3		22.0	33.0

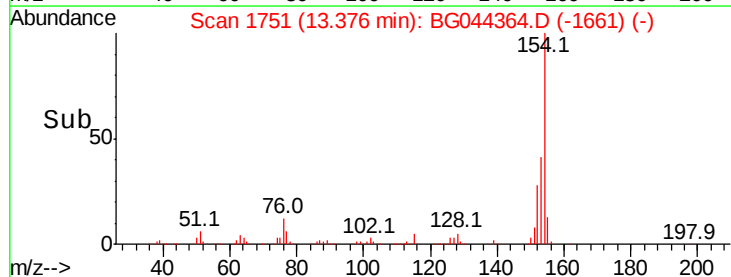
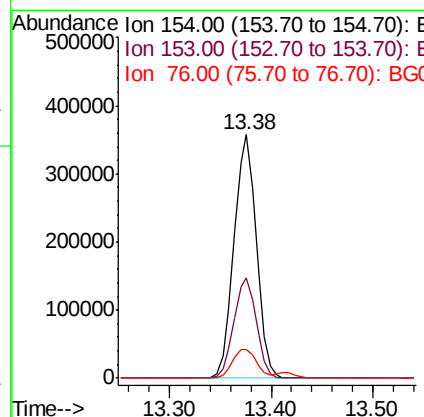
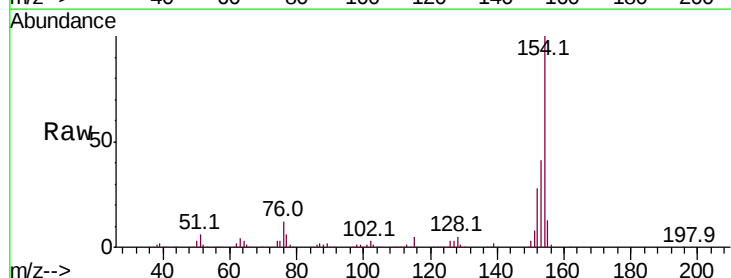
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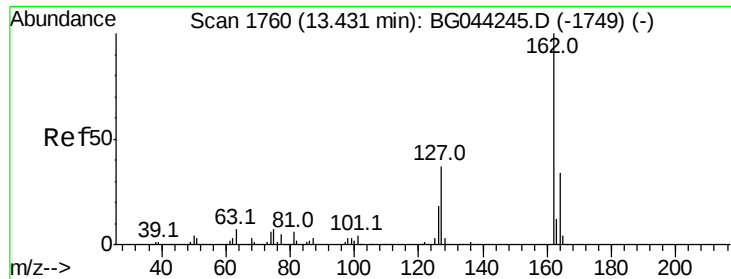
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#46
1,1'-Biphenyl
Concen: 39.190 ng
RT: 13.38 min Scan# 1751
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	545349		
153	41.3		22.7	62.7
76	11.5		0.0	32.9





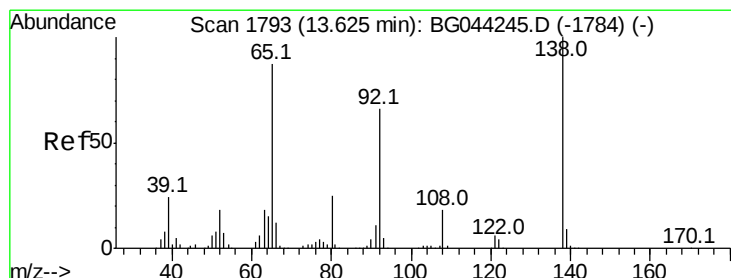
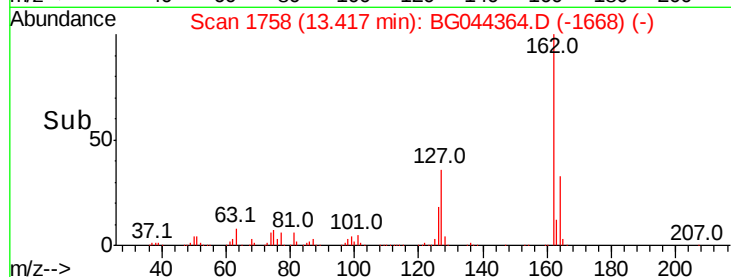
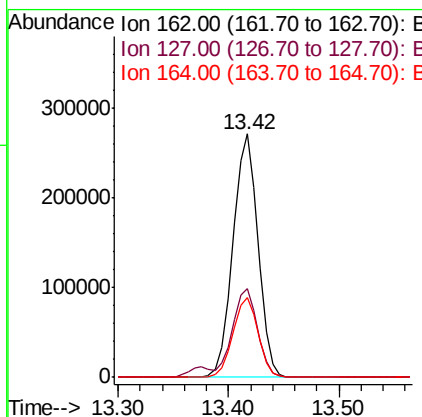
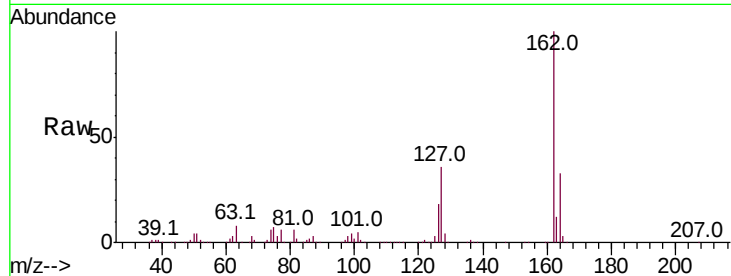
#47
2-Chloronaphthalene
Concen: 38.998 ng
RT: 13.42 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.0	45.0
164	32.6	27.2	40.8

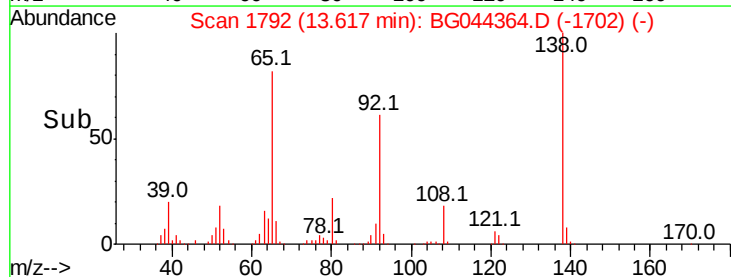
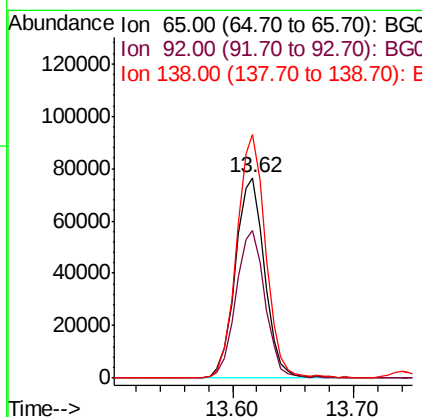
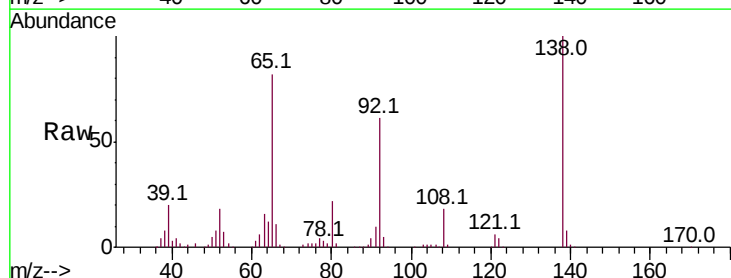
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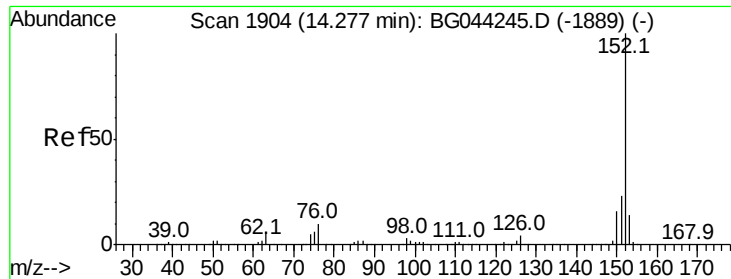
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#48
2-Nitroaniline
Concen: 39.568 ng
RT: 13.62 min Scan# 1792
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.9	60.3	90.5
138	121.6	91.9	137.9





#49

Acenaphthylene

Concen: 42.745 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

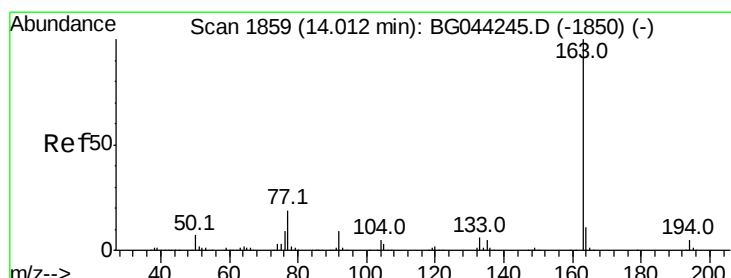
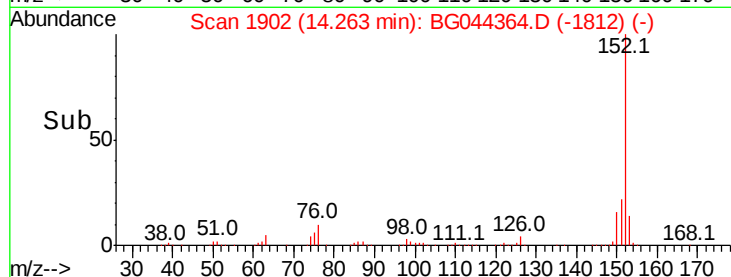
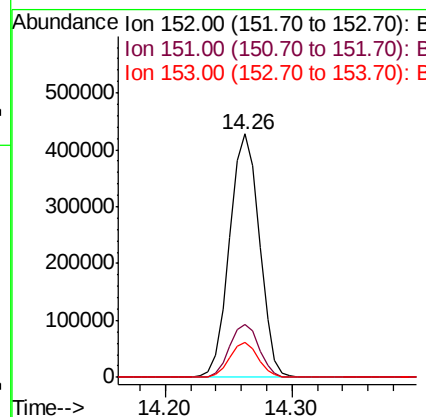
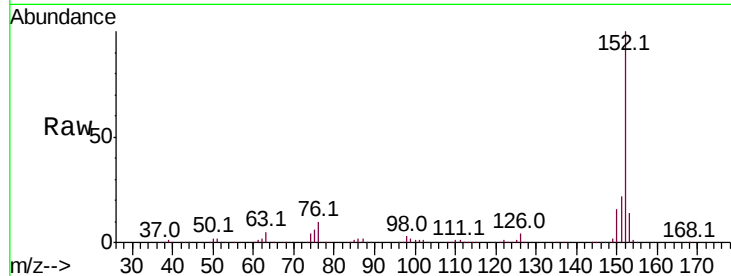
ClientSampleId :

PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	18.1	27.1
153	14.5	11.5	17.3

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#50

Dimethylphthalate

Concen: 44.000 ng

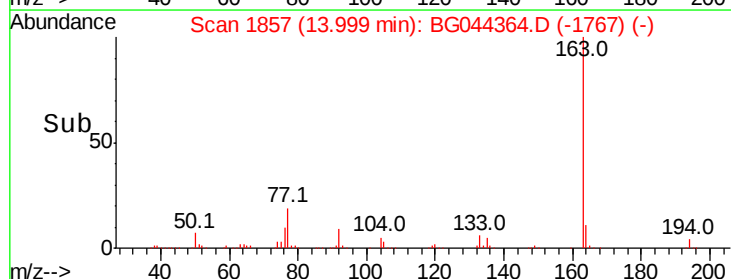
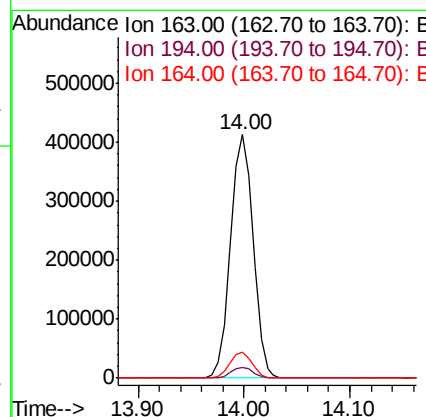
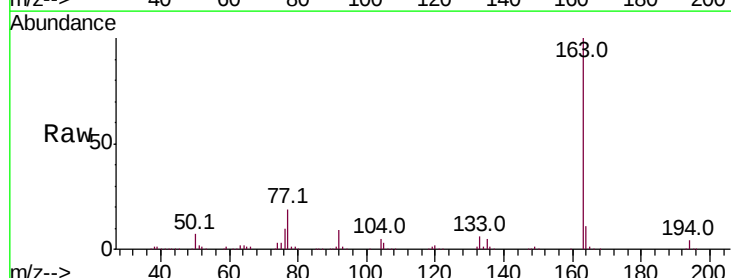
RT: 14.00 min Scan# 1857

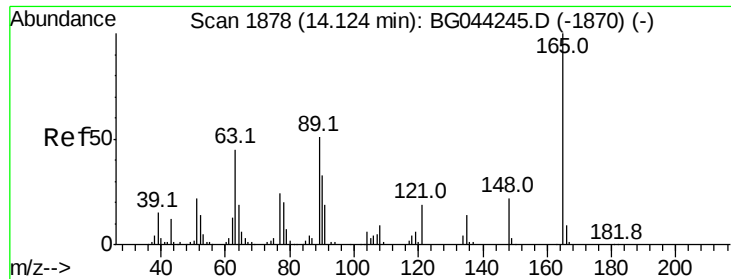
Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.6	5.4
164	10.7	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 42.834 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

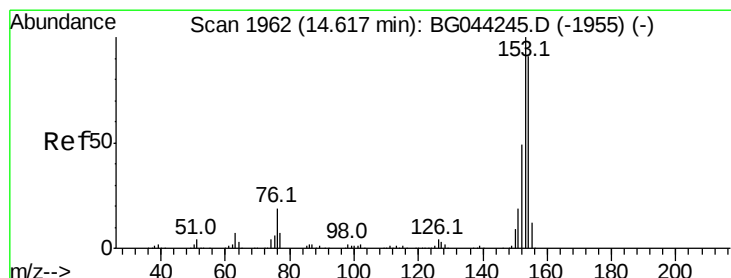
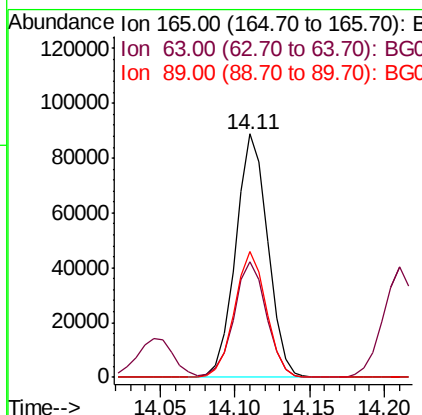
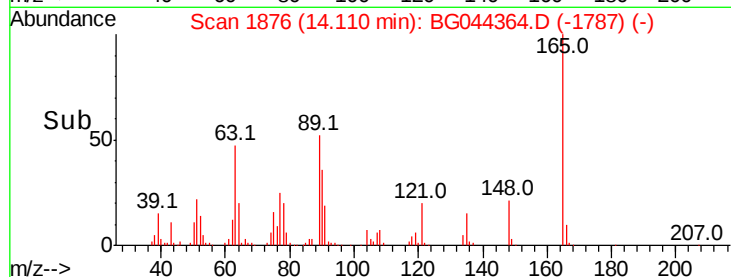
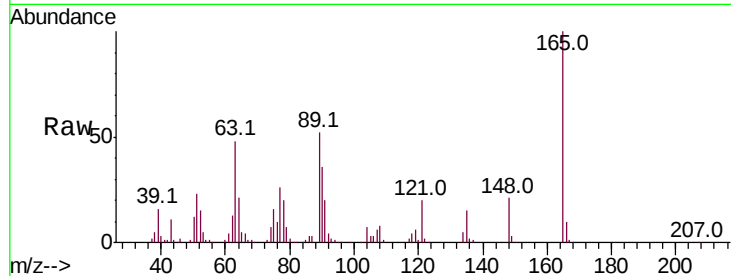
ClientSampleId :

PE-1-(BASE)MSD

Tot Ion:	165	Resp:	132444
Ion Ratio	Lower	Upper	
165	100		
63	47.7	38.7	58.1
89	51.6	40.4	60.6

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#52

Acenaphthene

Concen: 40.508 ng

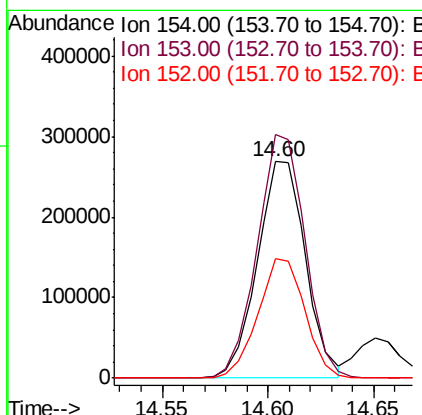
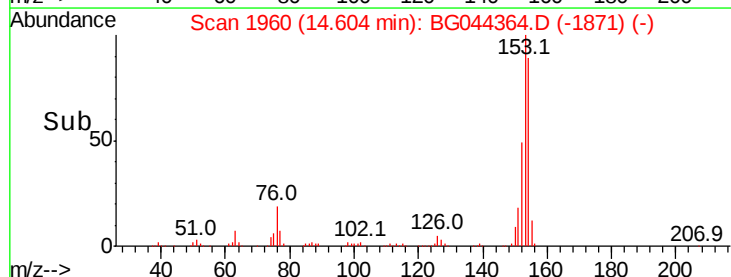
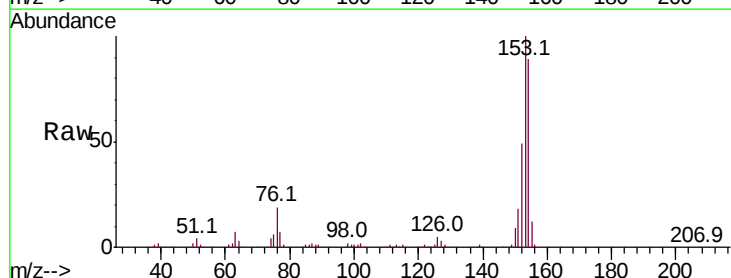
RT: 14.60 min Scan# 1960

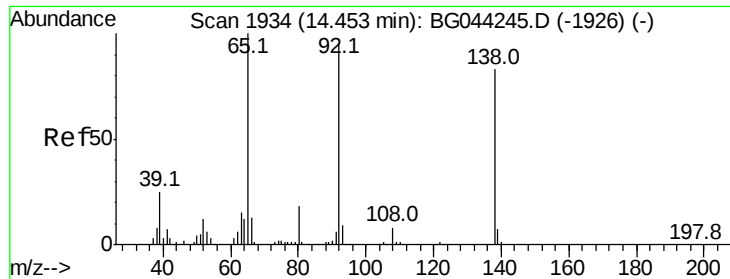
Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Tgt Ion:	154	Resp:	426438
Ion Ratio	Lower	Upper	
154	100		
153	112.6	87.9	131.9
152	55.2	43.1	64.7





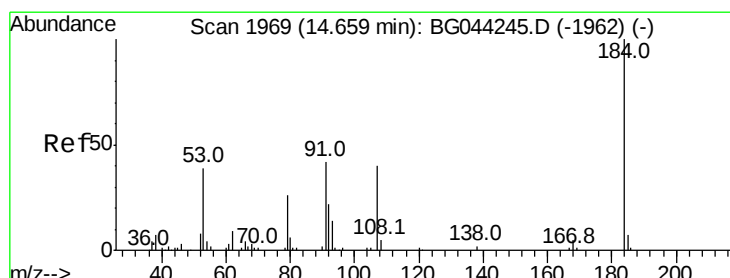
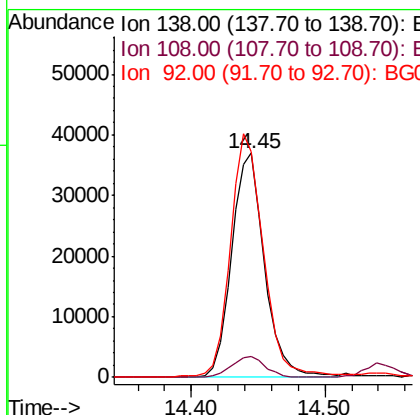
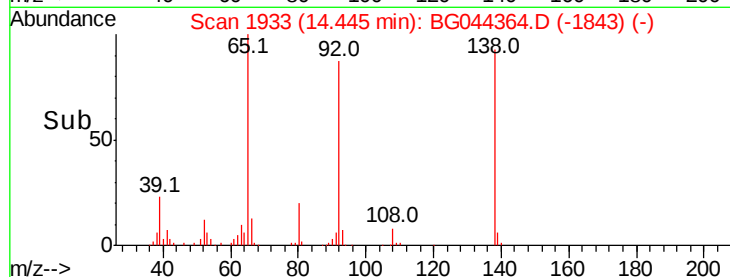
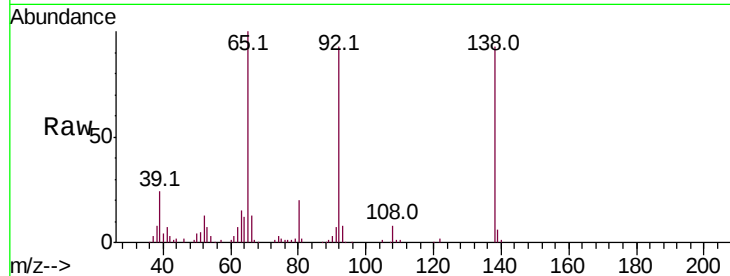
#53
3-Nitroaniline
Concen: 18.478 ng
RT: 14.45 min Scan# 1933
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.9	11.9
92	100.7	91.0	136.4

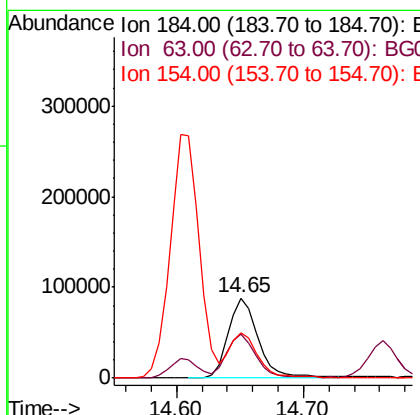
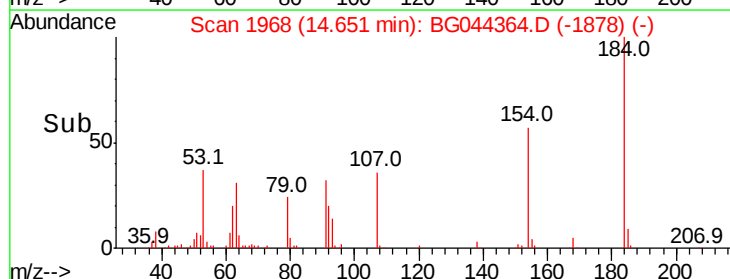
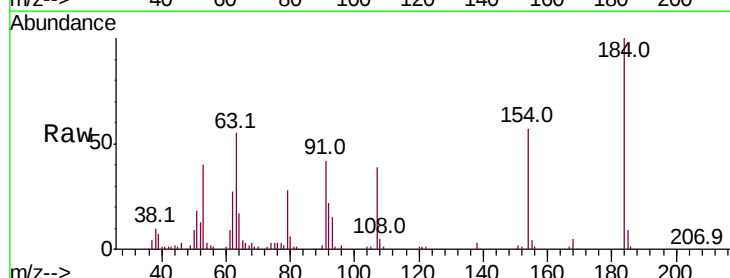
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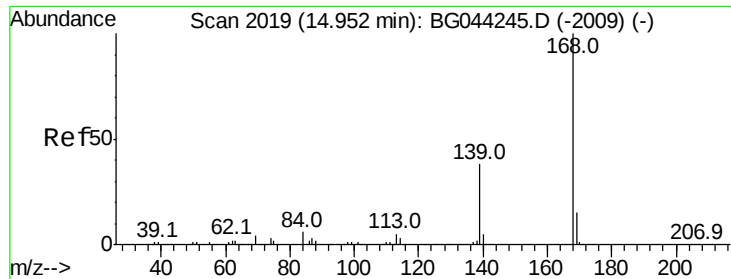
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#54
2,4-Dinitrophenol
Concen: 79.043 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.0	44.1	66.1
154	56.7	45.4	68.0





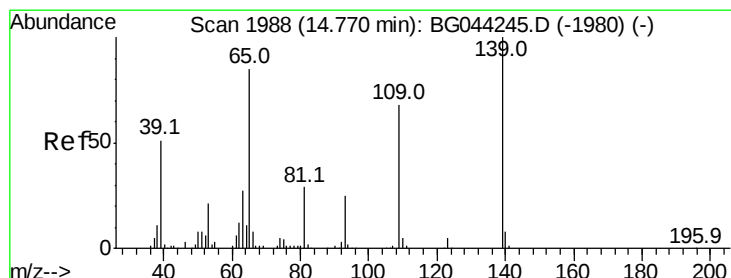
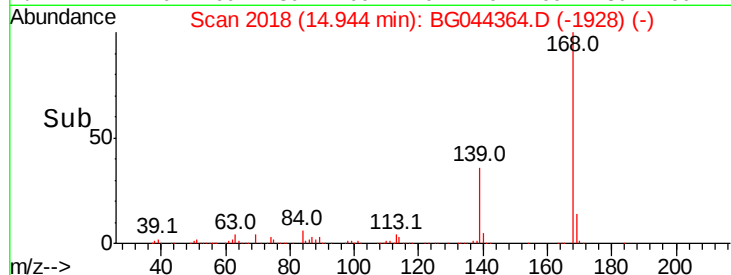
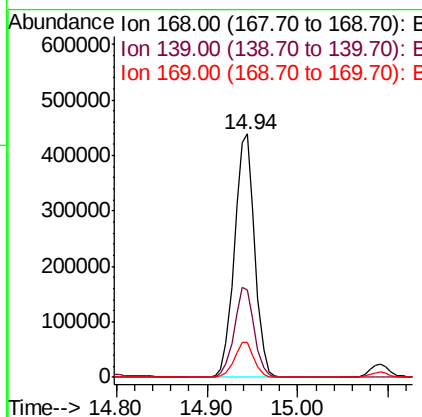
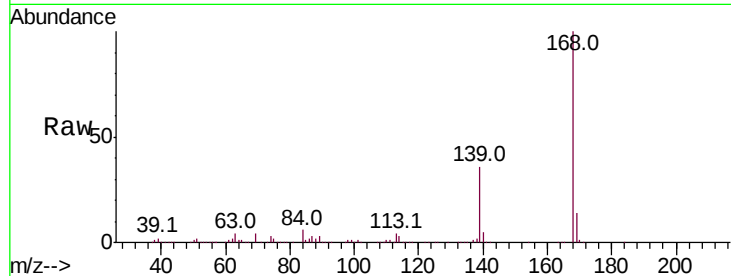
#55
Dibenzofuran
Concen: 42.747 ng
RT: 14.94 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.0	30.5	45.7
169	14.1	11.7	17.5

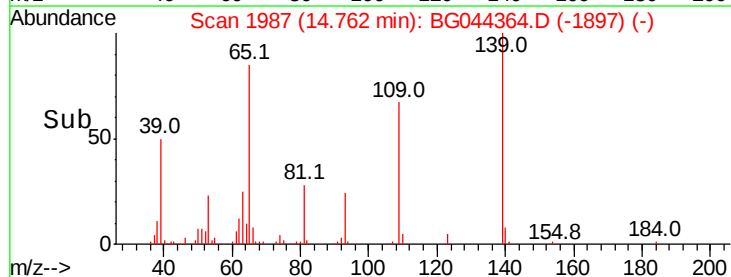
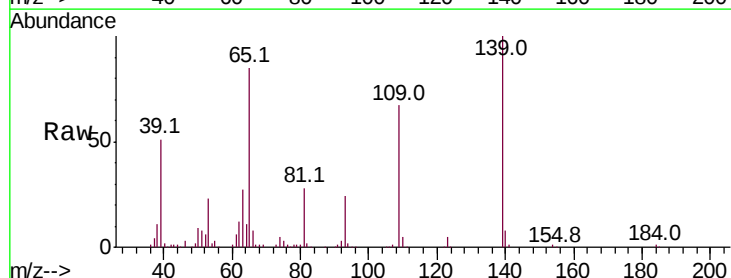
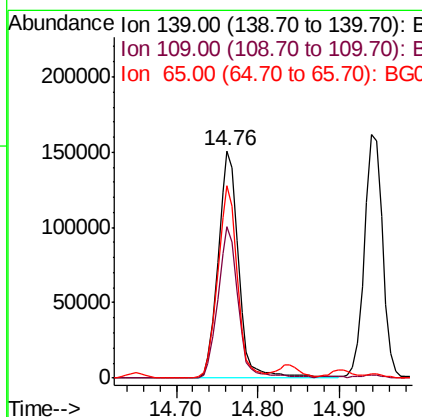
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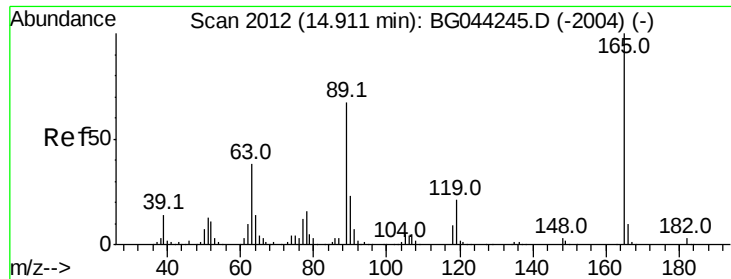
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#56
4-Nitrophenol
Concen: 105.022 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.6	47.5	87.5
65	84.7	64.9	104.9





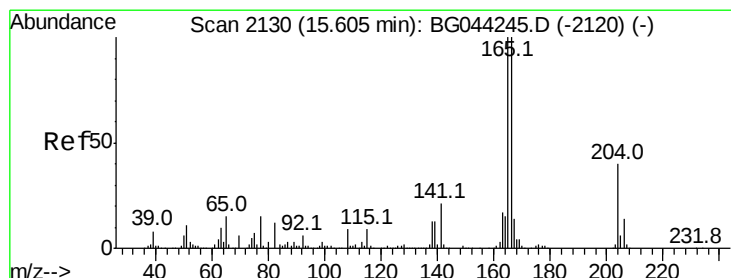
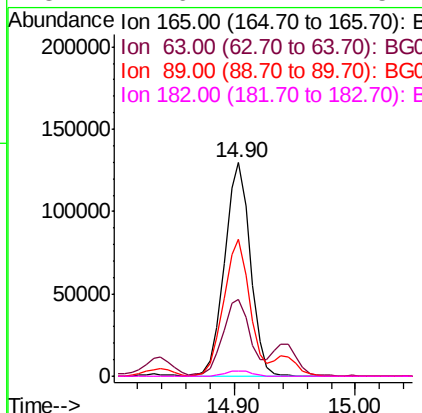
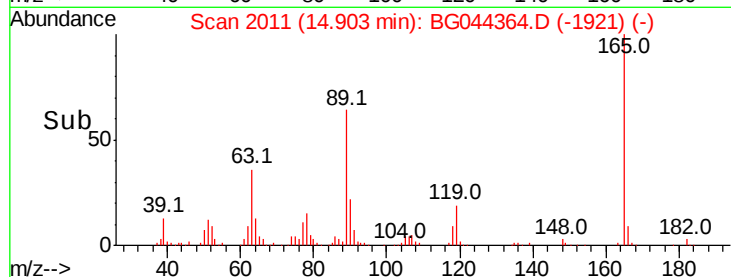
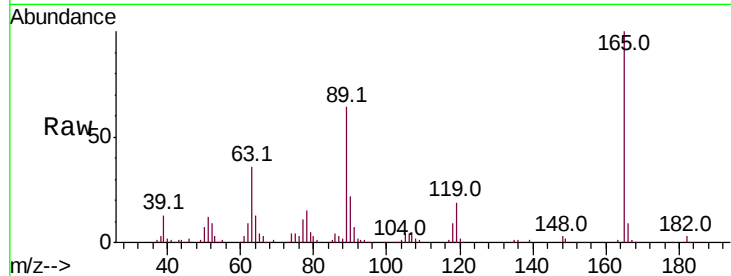
#57
2,4-Dinitrotoluene
Concen: 44.242 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	191732		
63	36.2	30.3	45.5	
89	63.9	53.4	80.2	
182	2.6	2.1	3.1	

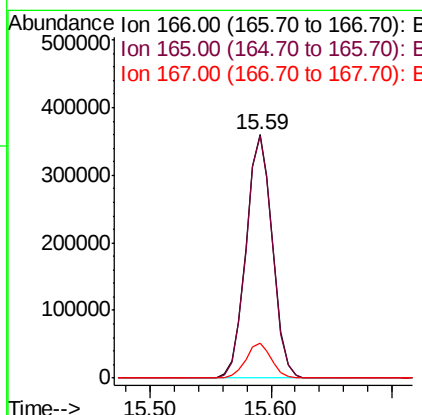
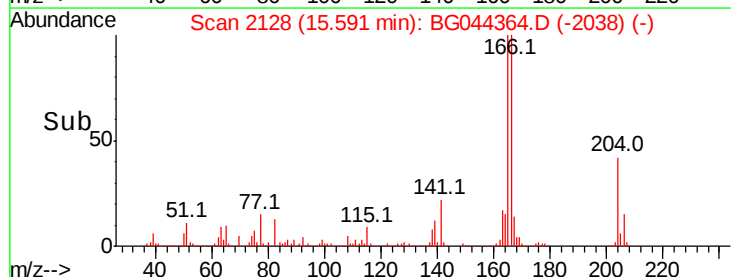
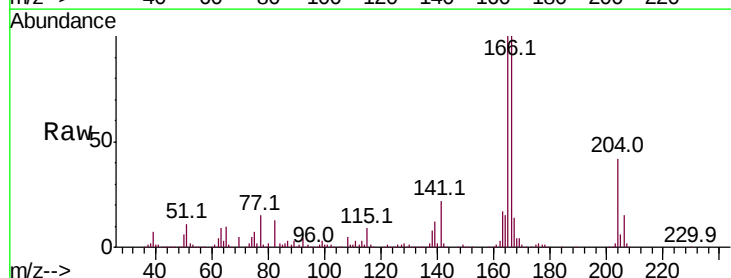
Manual Integrations
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#58
Fluorene
Concen: 43.418 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	545067		
165	99.5	79.9	119.9	
167	14.5	11.4	17.0	





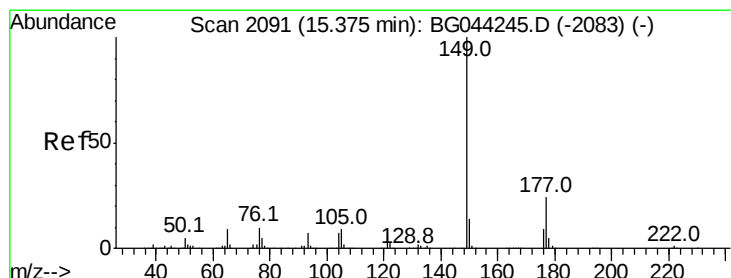
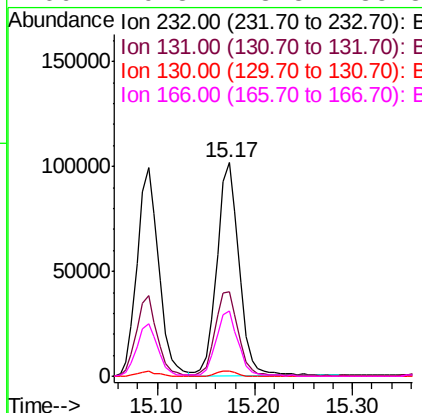
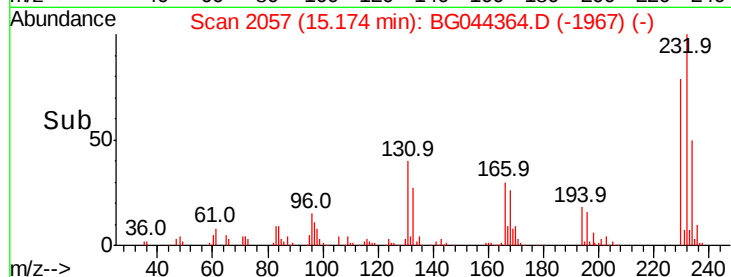
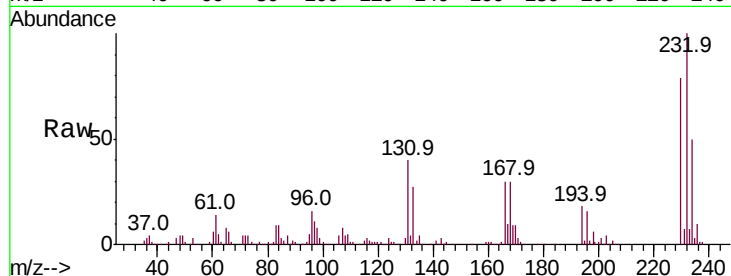
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.800 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	161060		
131	40.9		34.2	51.4
130	2.5		1.8	2.8
166	29.8		23.8	35.8

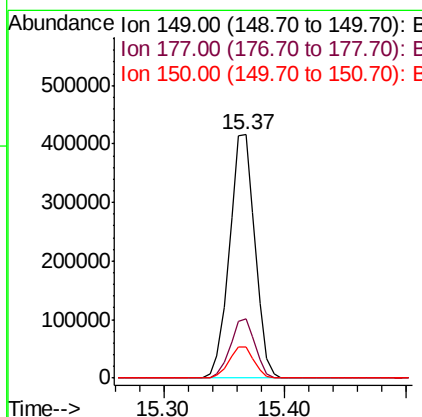
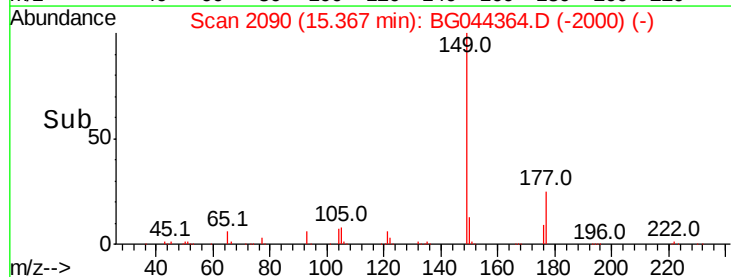
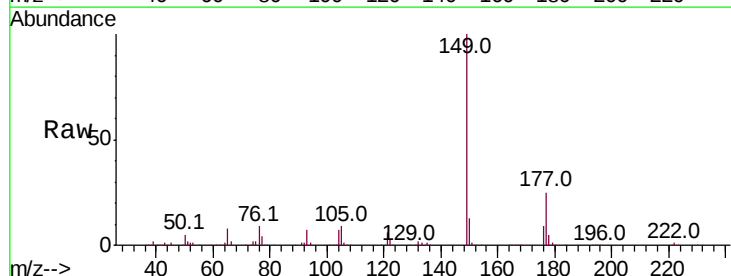
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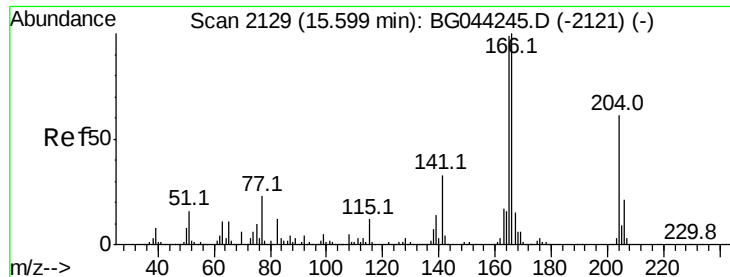
mohammad
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#60
 Diethylphthalate
 Concen: 43.992 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	607890		
177	24.5		19.4	29.0
150	12.7		10.9	16.3





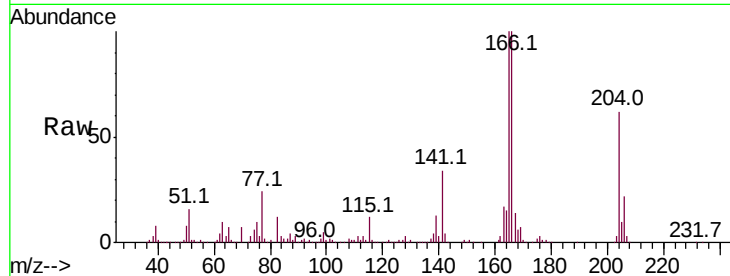
#61
4-Chlorophenyl-phenylether
Concen: 42.122 ng
RT: 15.58 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

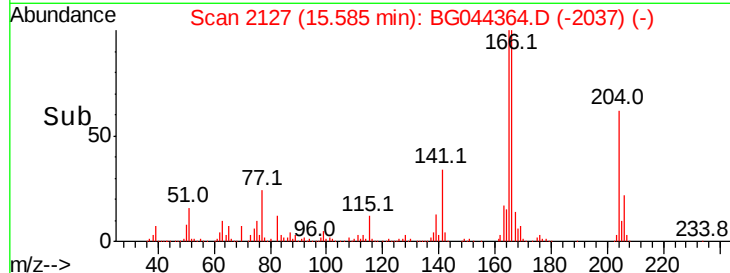
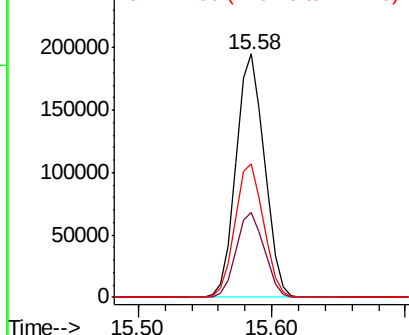
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.6	41.4
141	54.6	43.4	65.0

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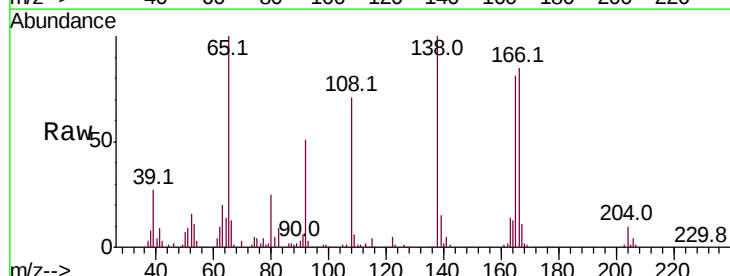
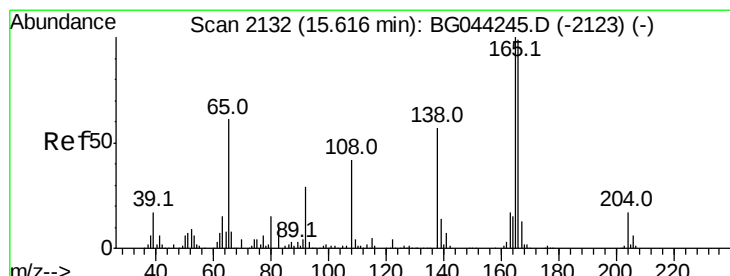
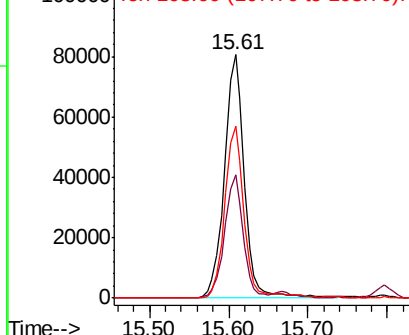
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

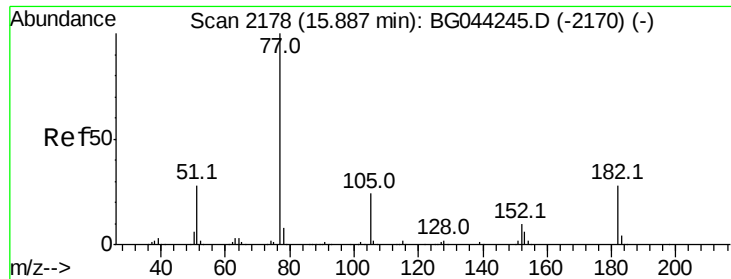


#62
4-Nitroaniline
Concen: 41.005 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.7	31.3	71.3
108	70.5	52.6	92.6

Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





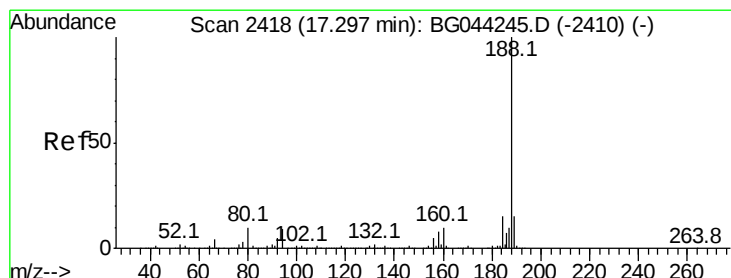
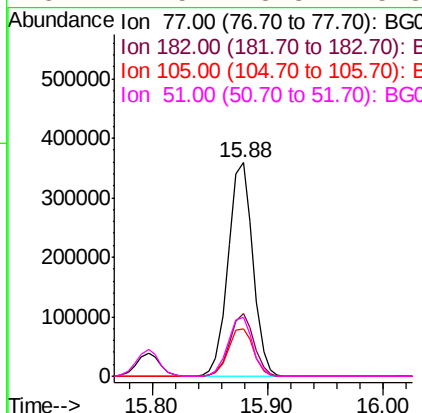
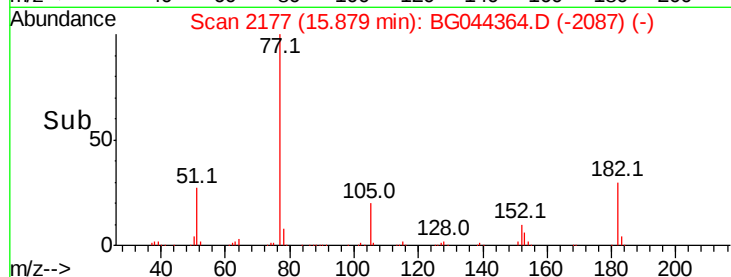
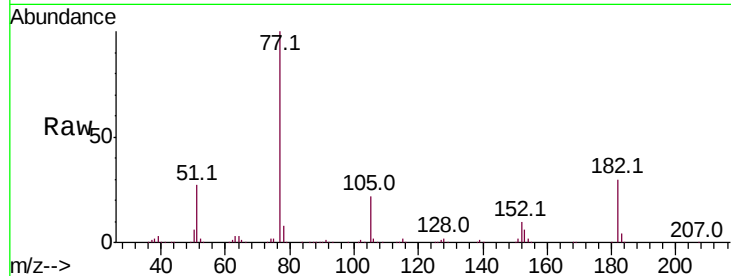
#63
Azobenzene
Concen: 43.683 ng
RT: 15.88 min Scan# 2177
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		529029		
182	29.7	8.2	48.2		
105	22.5	3.6	43.6		
51	27.5	8.3	48.3		

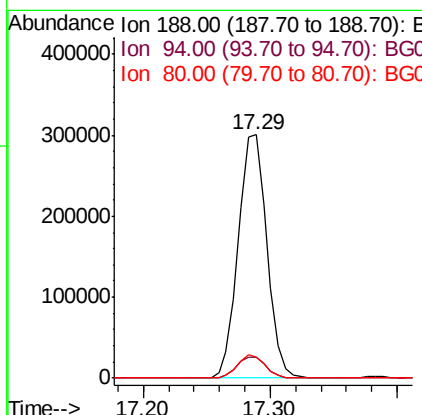
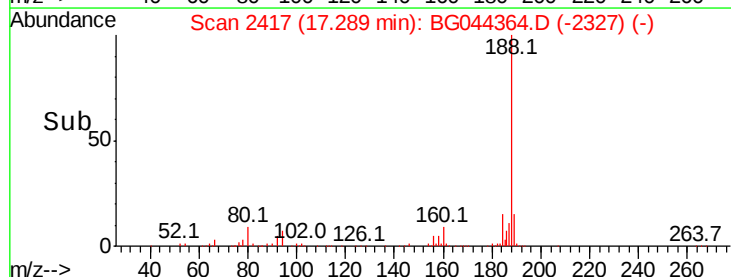
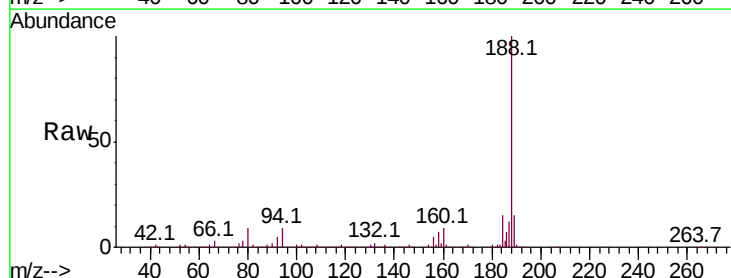
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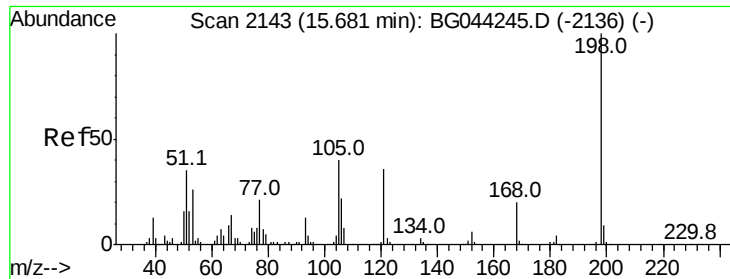
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		470078		
94	8.6	7.4	11.2		
80	8.8	7.7	11.5		





#65

4,6-Dinitro-2-methylphenol

Concen: 45.584 ng

RT: 15.67 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

PE-1-(BASE)MSD

Tot Ion:198 Resp: 118283

Ion Ratio Lower Upper

198 100

51 37.6 16.6 56.6

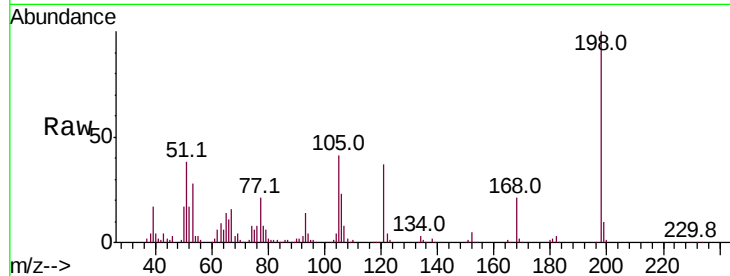
105 40.5 20.6 60.6

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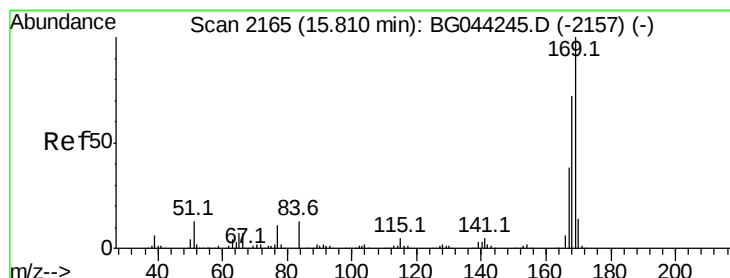
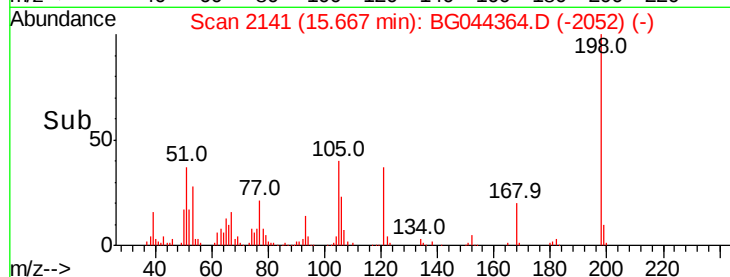
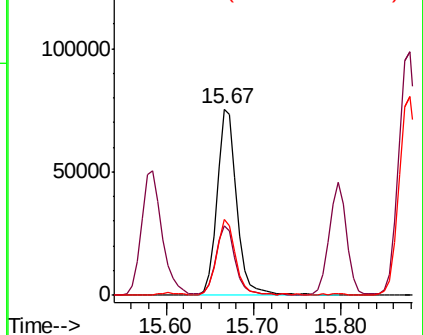
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.789 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

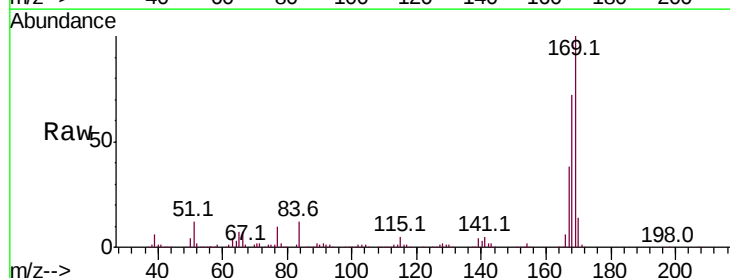
Tgt Ion:169 Resp: 524168

Ion Ratio Lower Upper

169 100

168 71.8 57.9 86.9

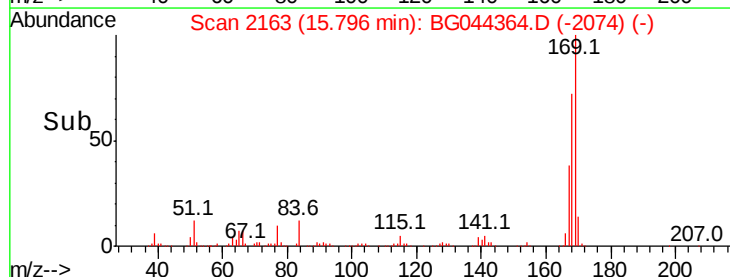
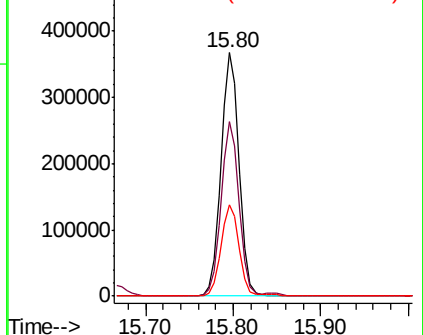
167 37.7 30.7 46.1

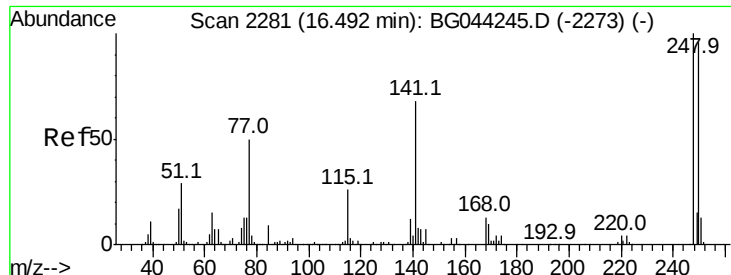


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





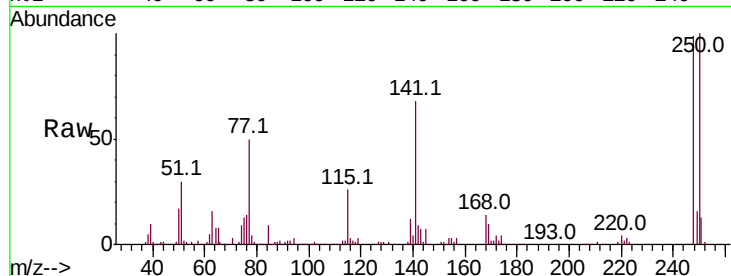
#67
 4-Bromophenyl-phenylether
 Concen: 38.047 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.9	76.6	114.8
141	68.7	54.7	82.1

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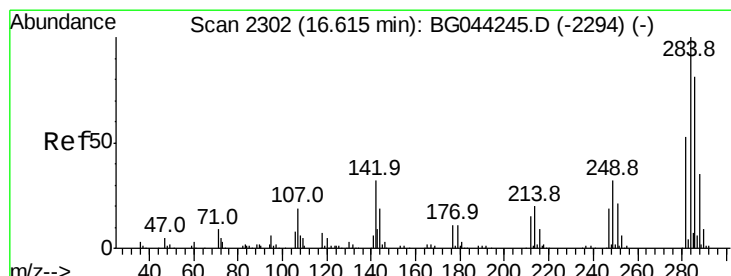
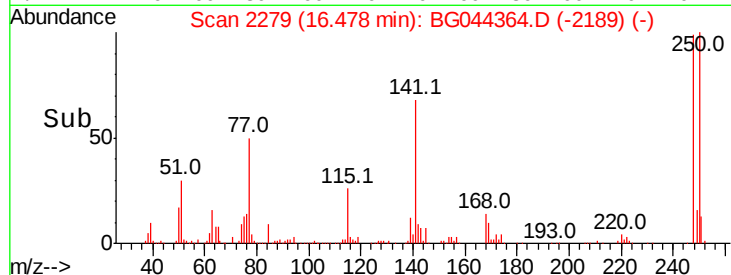
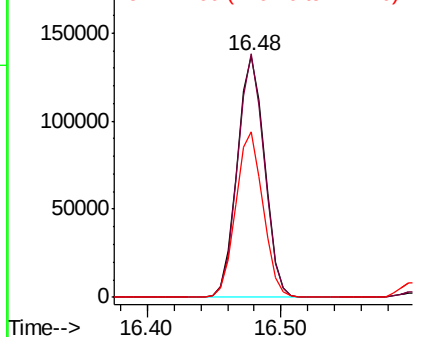


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 37.767 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

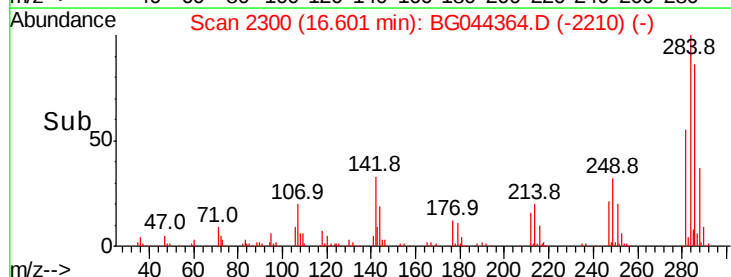
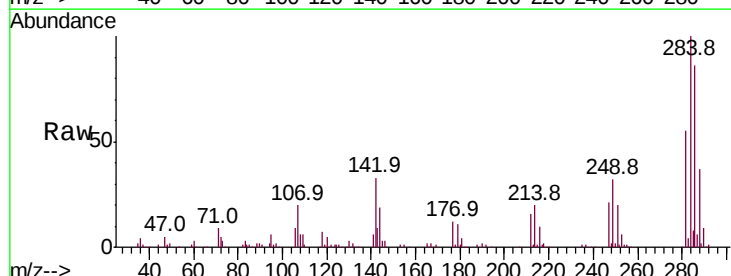
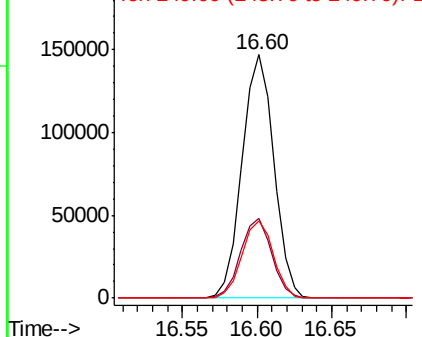
Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	25.3	37.9
249	32.0	25.5	38.3

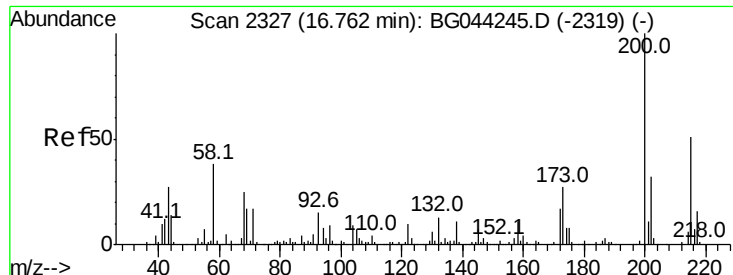
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





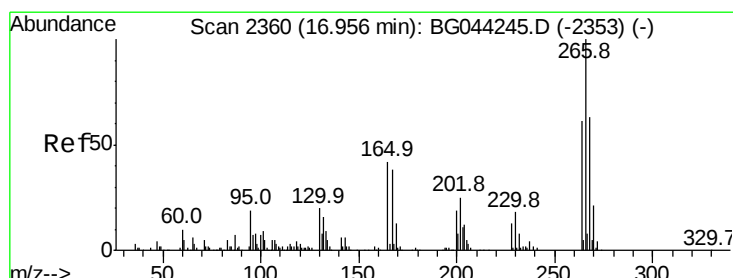
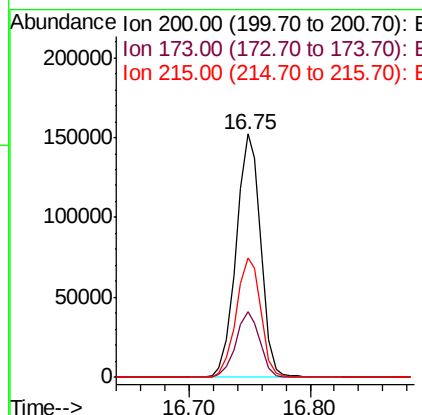
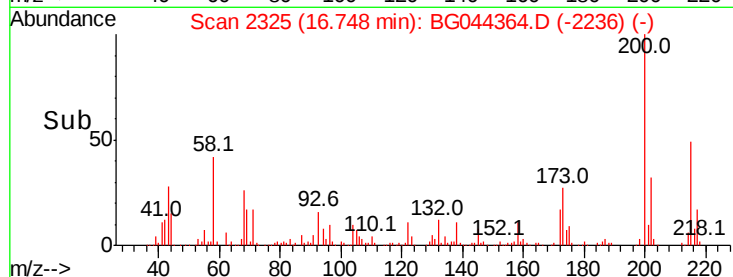
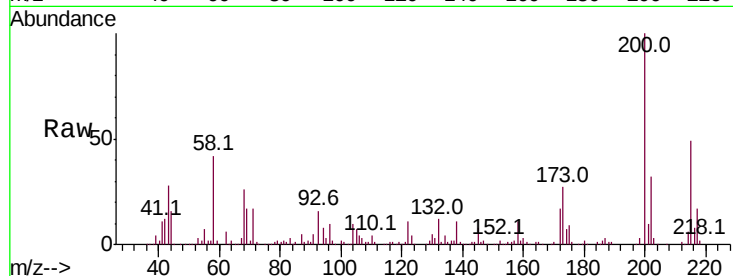
#69
Atrazine
Concen: 47.472 ng
RT: 16.75 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.9	6.6	46.6
215	49.0	31.0	71.0

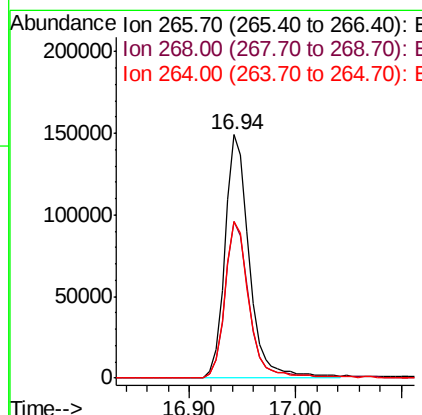
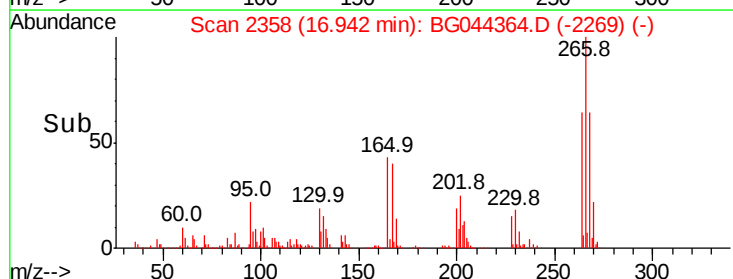
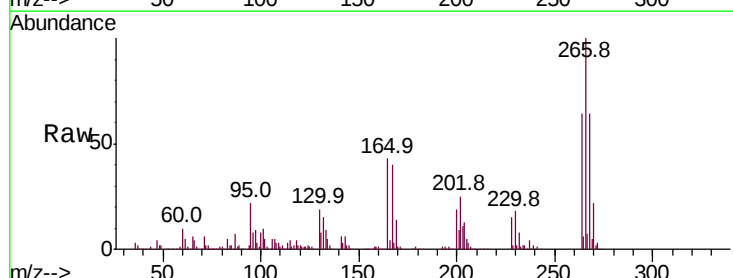
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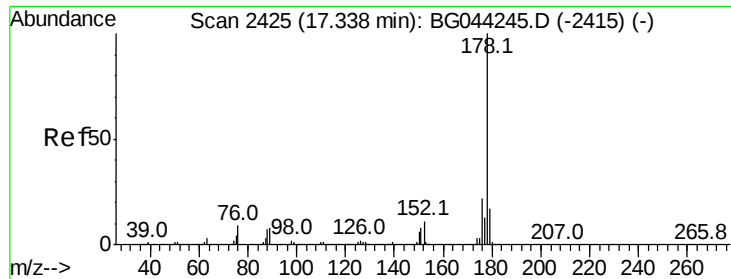
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#70
Pentachlorophenol
Concen: 82.156 ng
RT: 16.94 min Scan# 2358
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.1	50.6	75.8
264	64.5	48.7	73.1





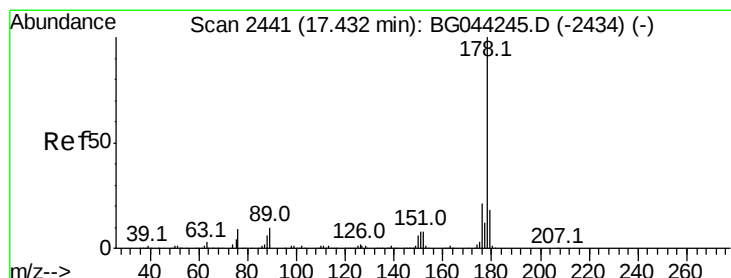
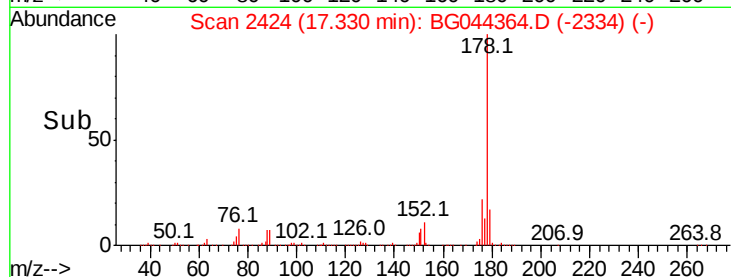
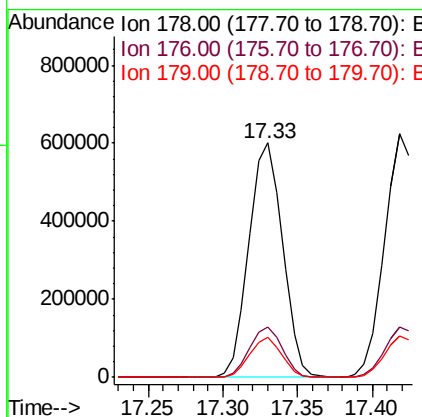
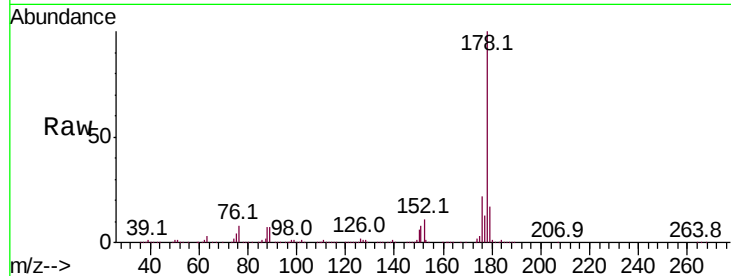
#71
Phenanthrene
Concen: 41.285 ng
RT: 17.33 min Scan# 2424
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.5	17.7	26.5
179	16.9	13.7	20.5

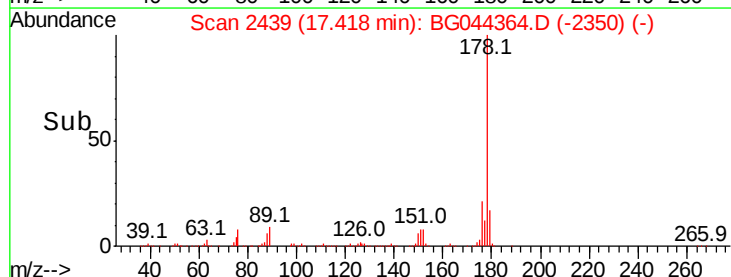
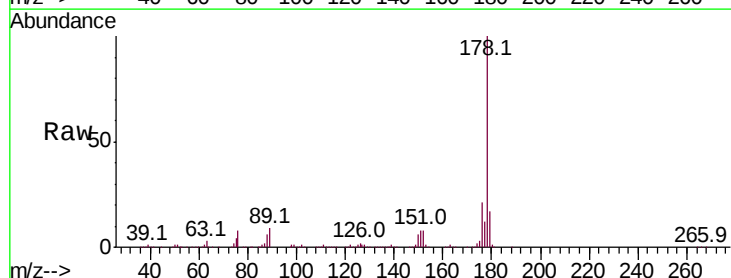
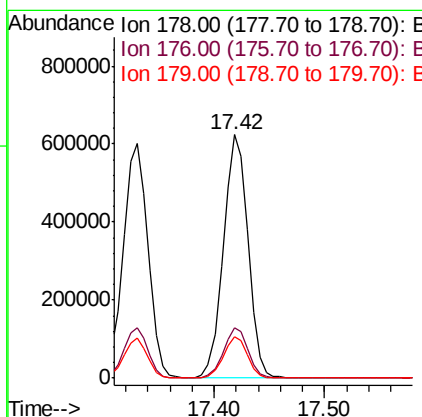
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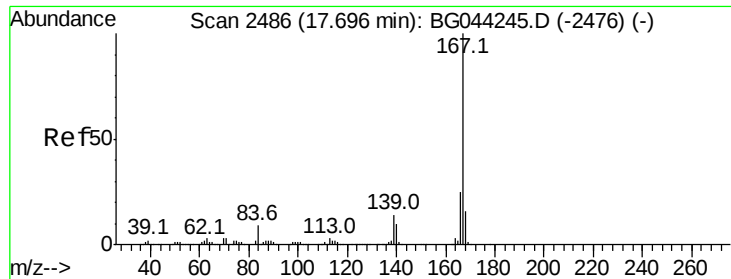
mohammad
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#72
Anthracene
Concen: 43.190 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	17.0	25.4
179	17.2	14.4	21.6





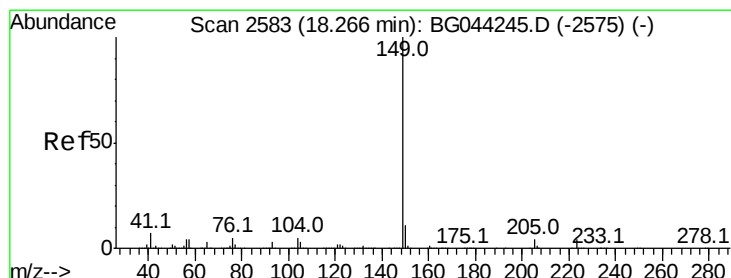
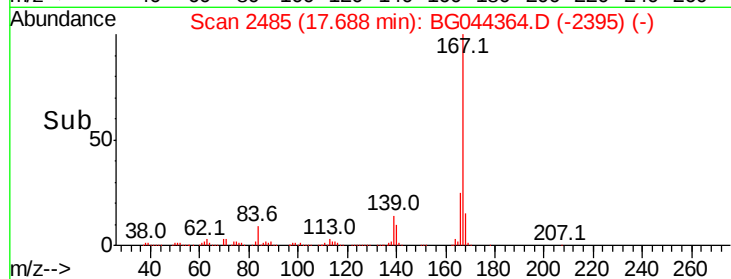
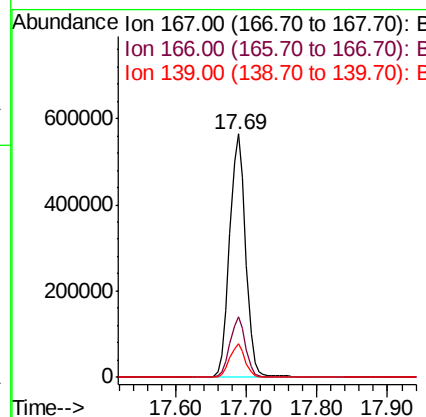
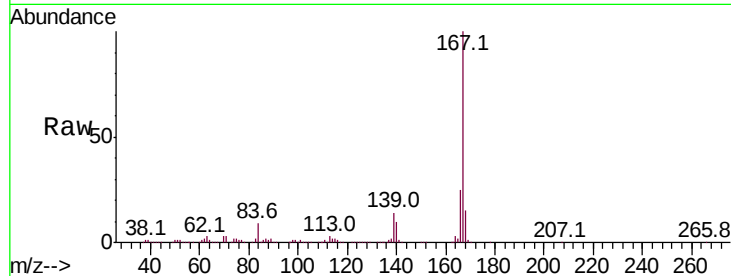
#73
 Carbazole
 Concen: 43.084 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.1	19.8	29.6
139	13.9	11.1	16.7

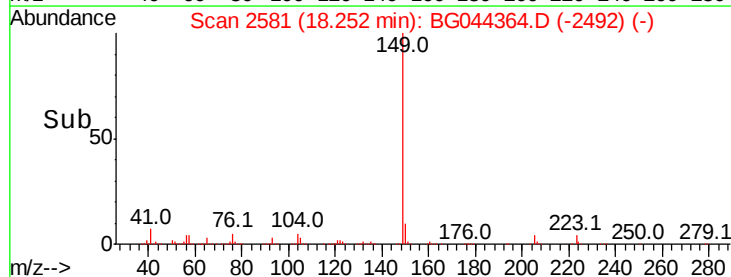
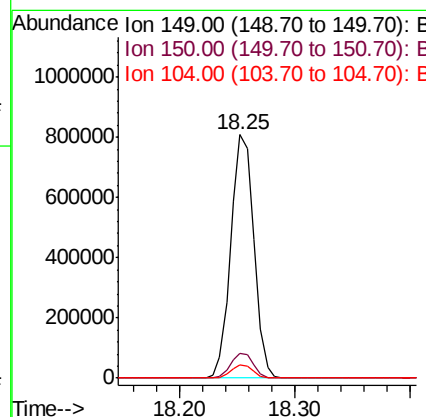
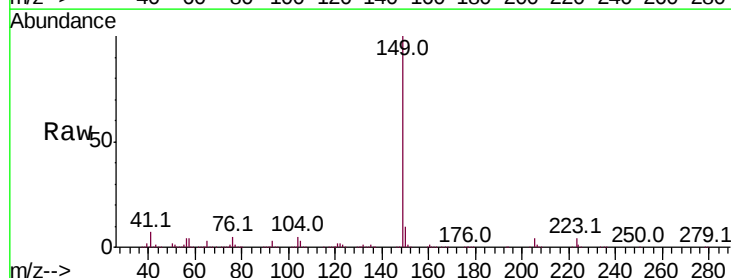
Manual Integrations
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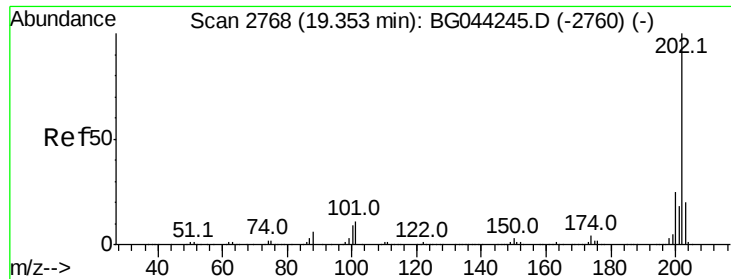
mohammad
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#74
 Di-n-butylphthalate
 Concen: 43.547 ng
 RT: 18.25 min Scan# 2581
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.7	13.1
104	5.4	4.3	6.5





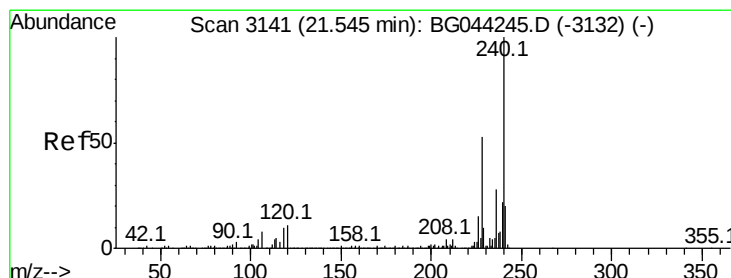
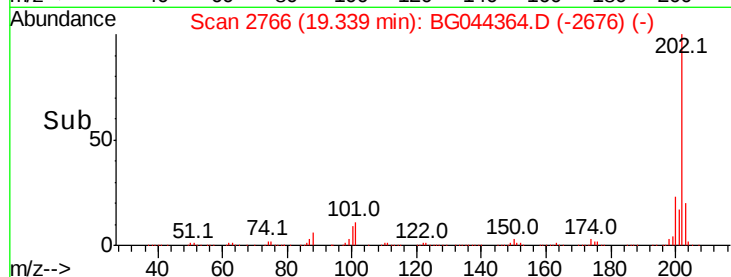
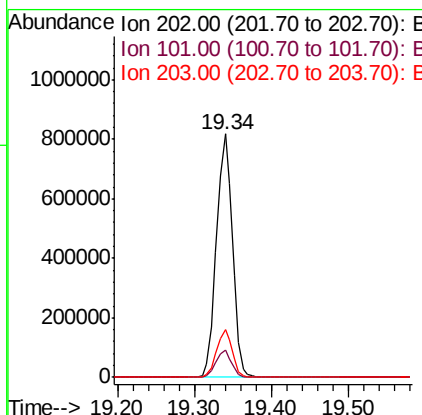
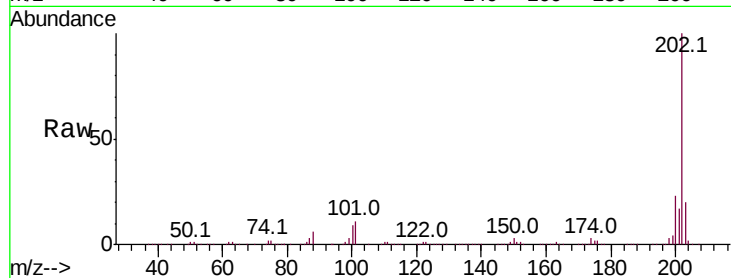
#75
Fluoranthene
 Concen: 44.282 ng
 RT: 19.34 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1166054		
101	11.3		0.0	31.3
203	19.7		0.0	39.9

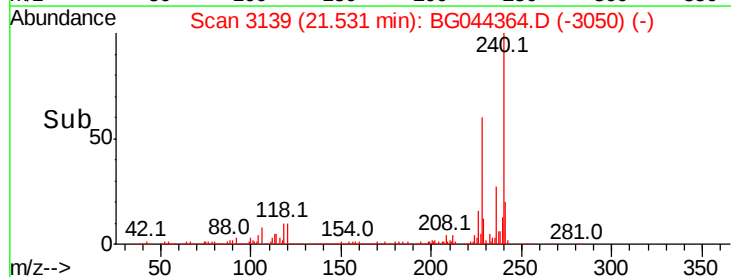
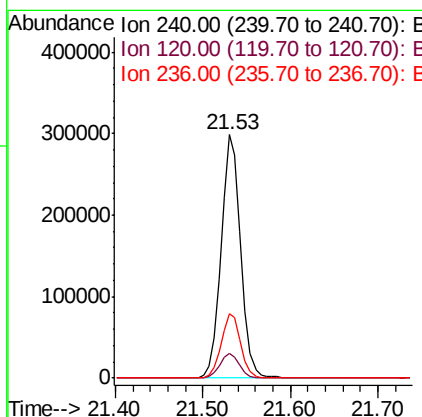
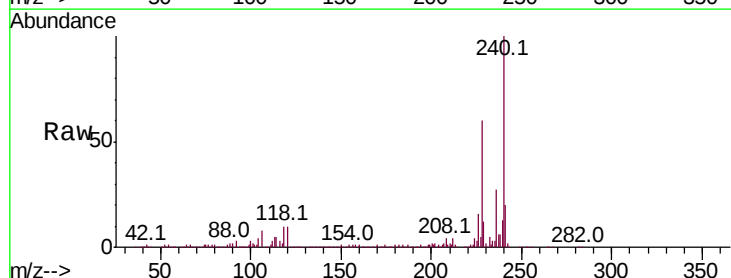
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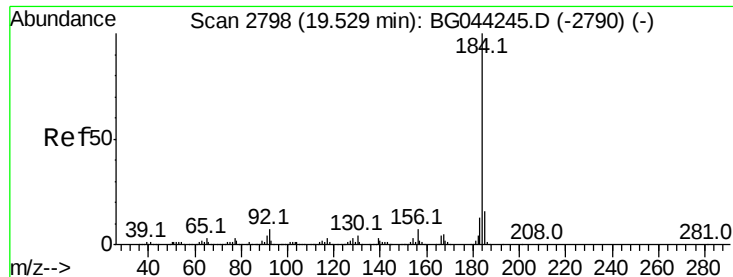
mohammad
 2/12/2020 9:49:42 AM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 21.53 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	459232		
120	10.2		8.4	12.6
236	26.6		22.1	33.1





#77

Benzidine

Concen: 32.166 ng

RT: 19.52 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

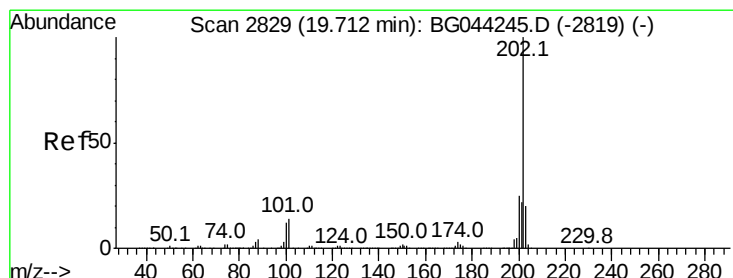
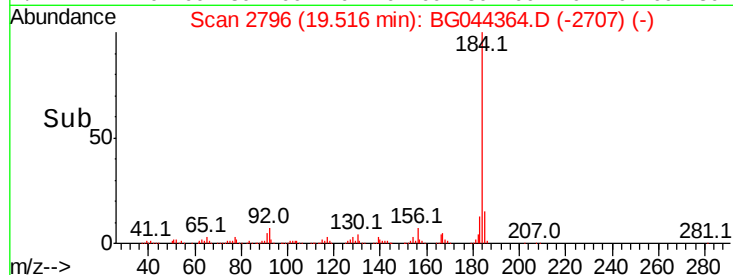
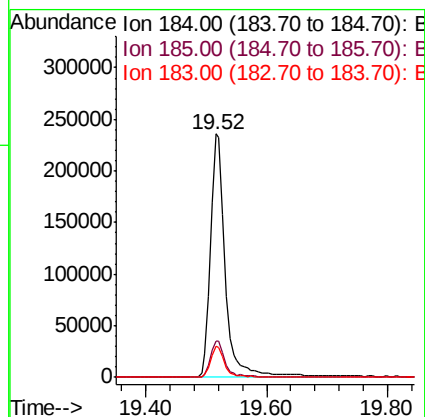
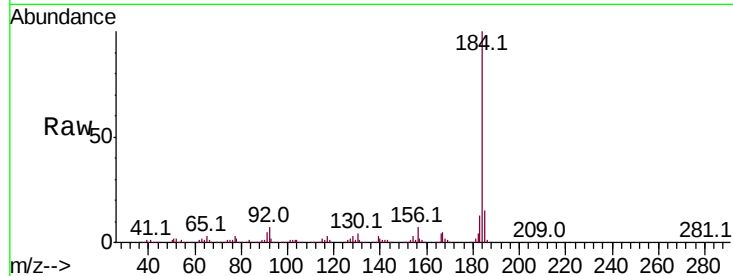
ClientSampleId :

PE-1-(BASE)MSD

Tot Ion:	184	Resp:	409736
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.9	19.3
183	12.5	10.8	16.2

Manual Integrations
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#78

Pyrene

Concen: 39.575 ng

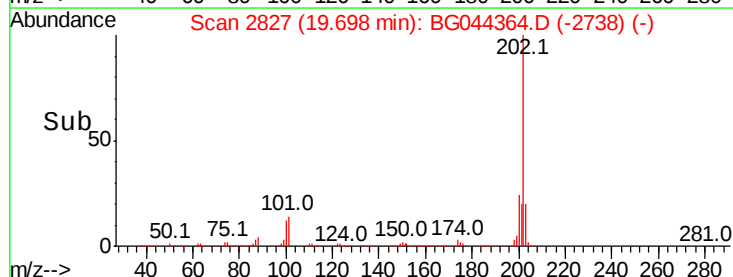
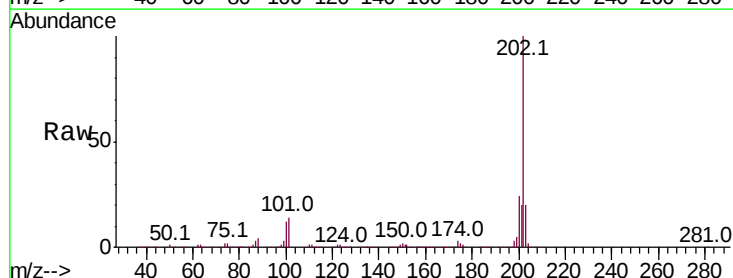
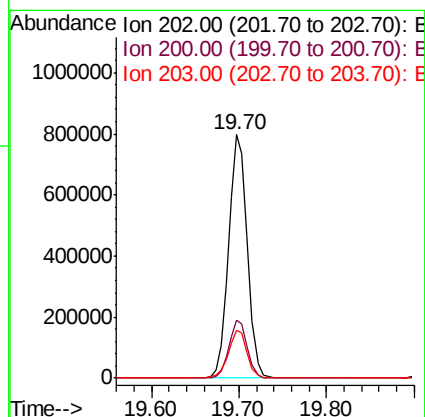
RT: 19.70 min Scan# 2827

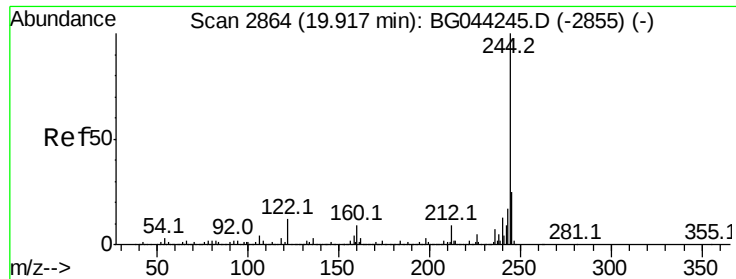
Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Tgt Ion:	202	Resp:	1167143
Ion Ratio	Lower	Upper	
202	100		
200	23.9	20.0	30.0
203	19.8	16.2	24.2





#79

Terphenyl-d14

Concen: 56.737 ng

RT: 19.90 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

PE-1-(BASE)MSD

Tot Ion:244 Resp: 1266746

Ion Ratio Lower Upper

244 100

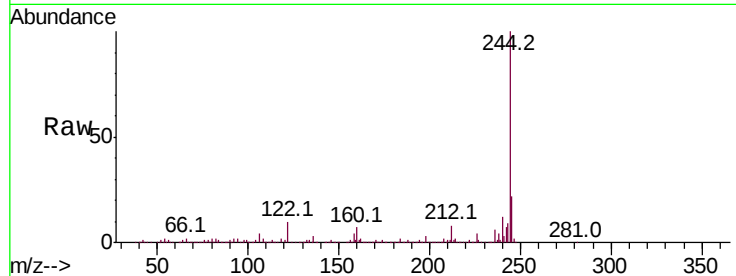
212 8.0 7.4 11.2

122 10.5 9.8 14.6

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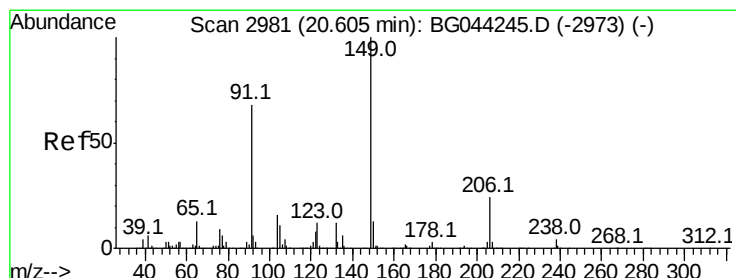
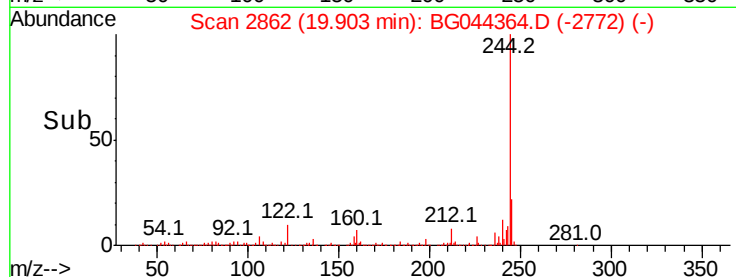
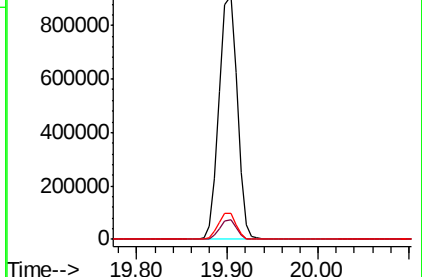
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.291 ng

RT: 20.59 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

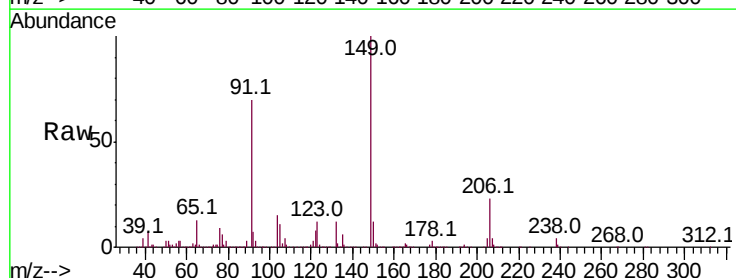
Tgt Ion:149 Resp: 501188

Ion Ratio Lower Upper

149 100

91 69.5 54.5 81.7

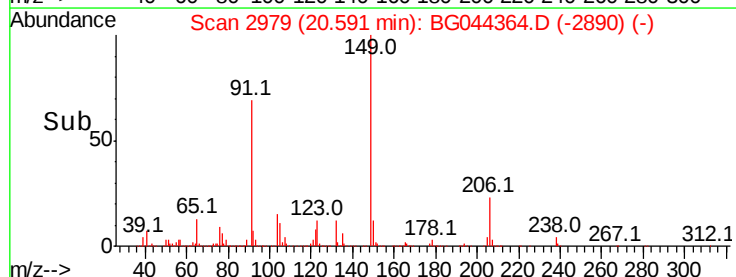
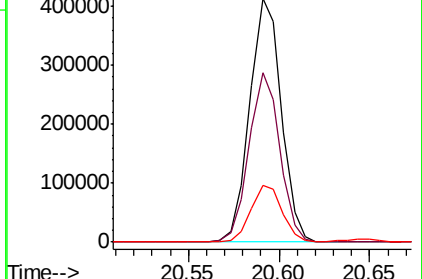
206 23.1 19.1 28.7

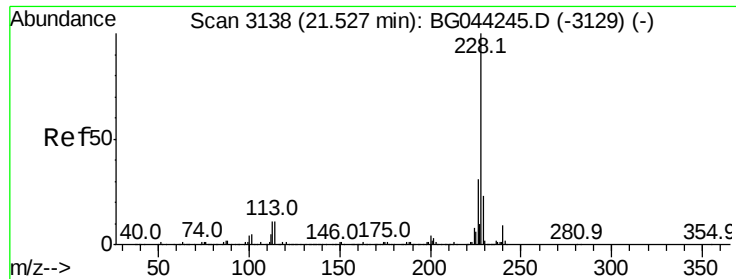


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





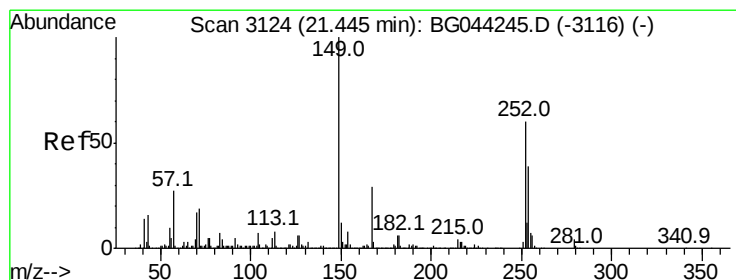
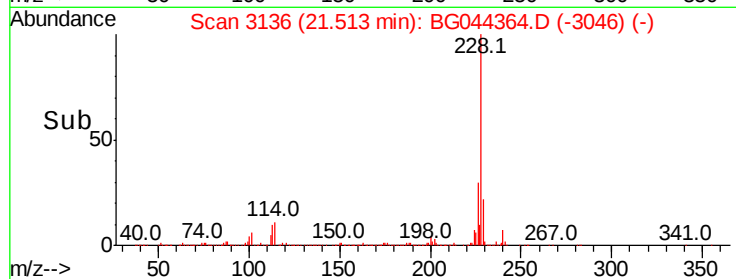
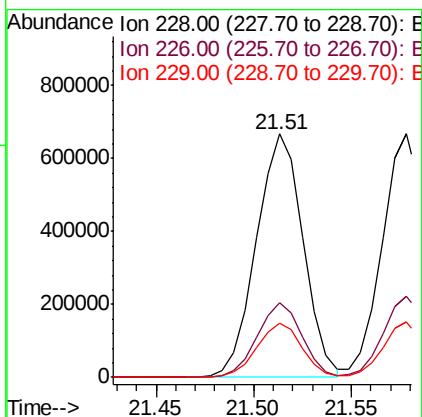
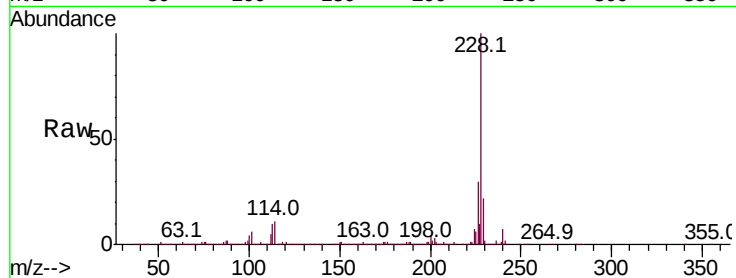
#81
Benzo(a)anthracene
Concen: 38.902 ng
RT: 21.51 min Scan# 3136
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.7	37.1
229	22.1	18.2	27.4

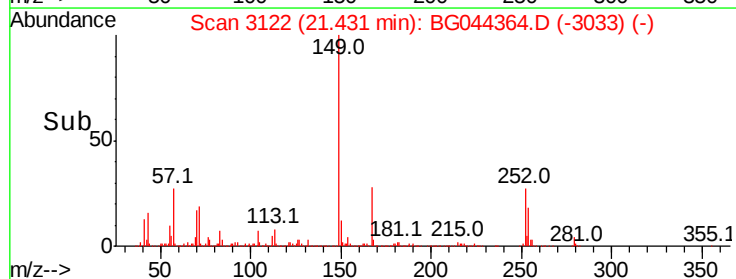
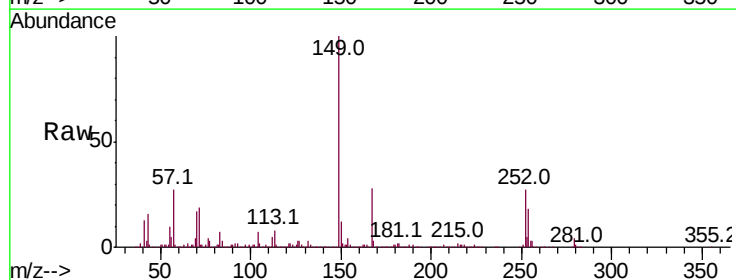
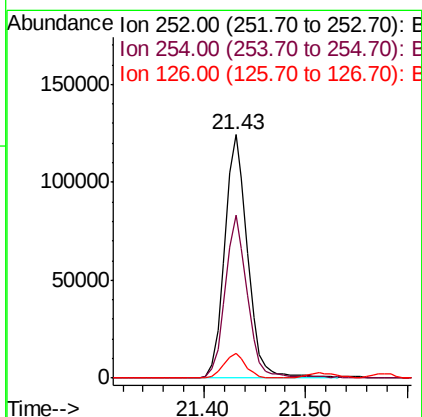
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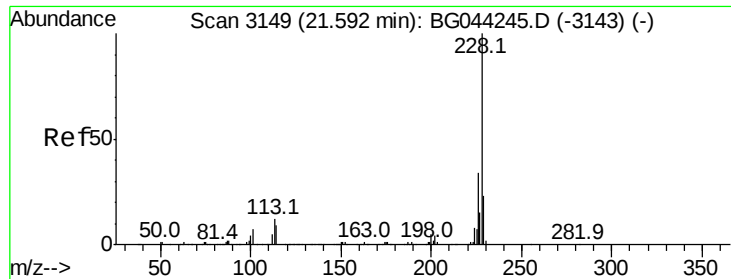
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 17.715 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.9	52.6	78.8
126	10.2	8.2	12.4





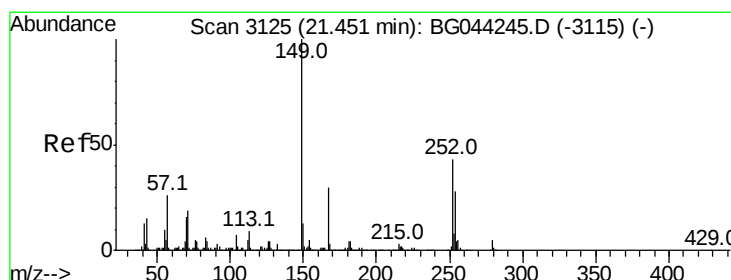
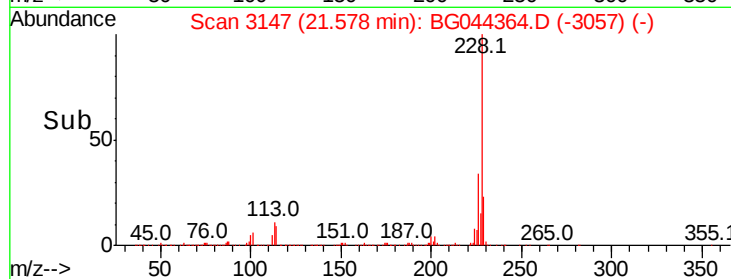
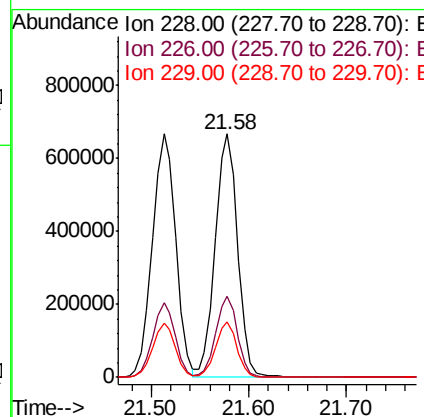
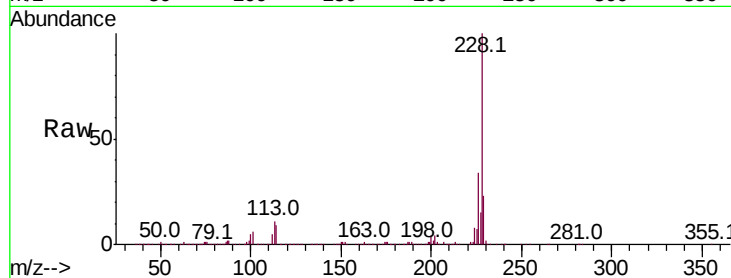
#83
 Chrvsene
 Concen: 38.697 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	27.1	40.7
229	22.7	17.9	26.9

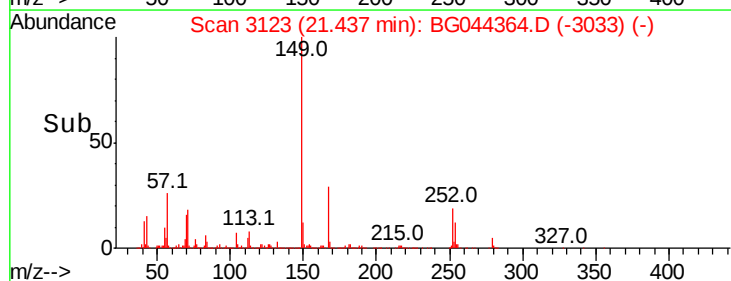
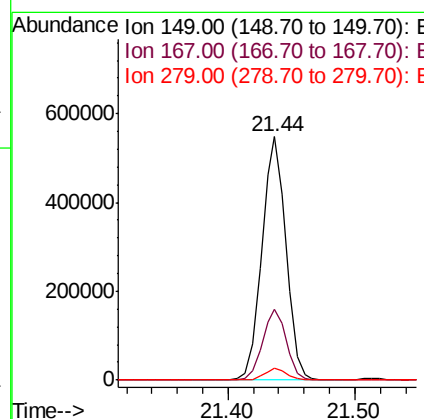
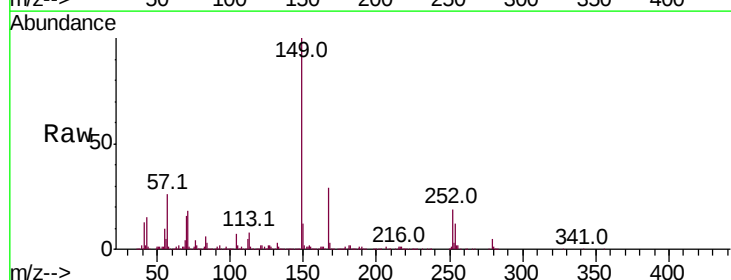
Manual Integrations
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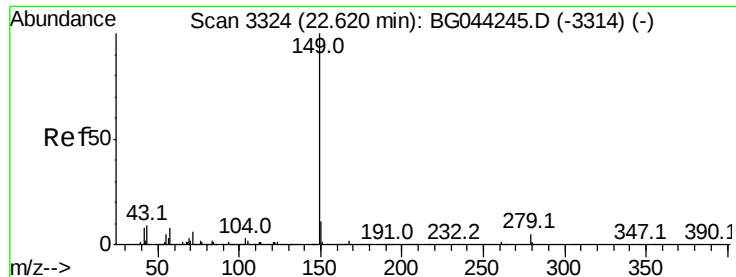
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.203 ng
 RT: 21.44 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: BG044364.D
 Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.2	24.0	36.0
279	4.9	3.8	5.8





#85

Di-n-octyl phthalate

Concen: 38.973 ng

RT: 22.60 min Scan# 3321

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

Instrument :

BNA_G

ClientSampleId :

PE-1-(BASE)MSD

Tot Ion:149 Resp: 1247422

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

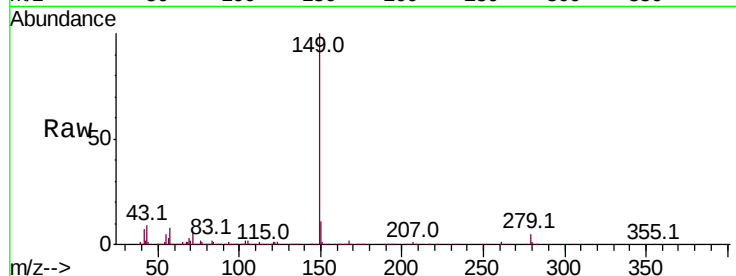
43 8.8 7.4 11.0

Manual Integrations

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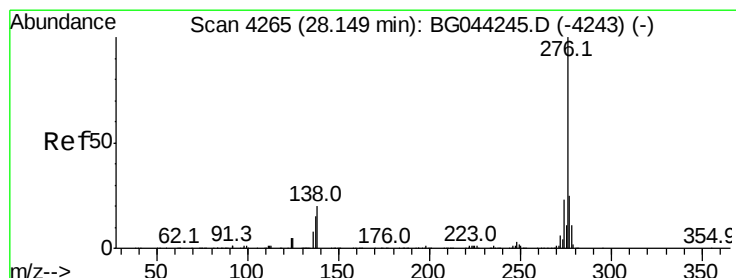
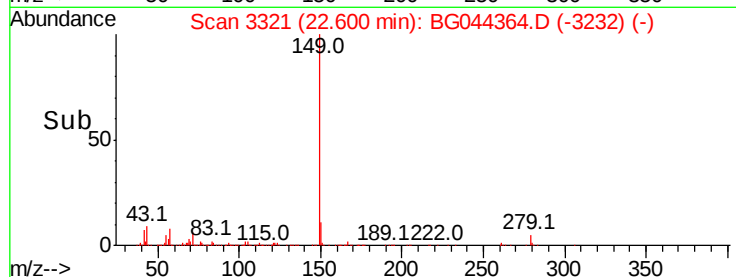
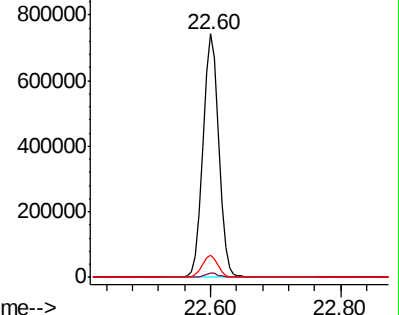
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.325 ng

RT: 28.11 min Scan# 4259

Delta R.T. -0.01 min

Lab File: BG044364.D

Acq: 10 Feb 2020 19:59

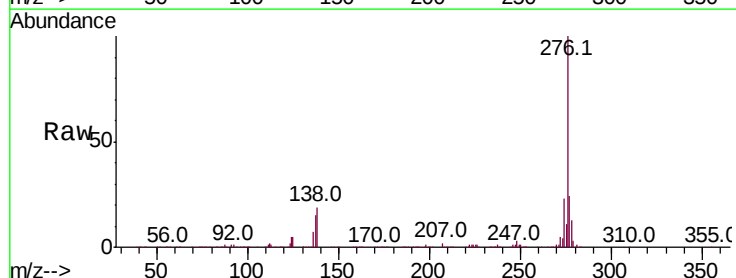
Tgt Ion:276 Resp: 1367877

Ion Ratio Lower Upper

276 100

138 24.1 19.4 29.0

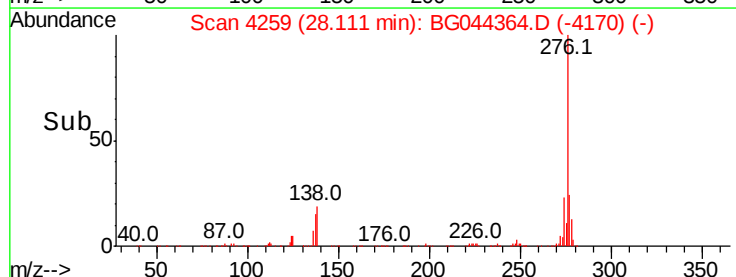
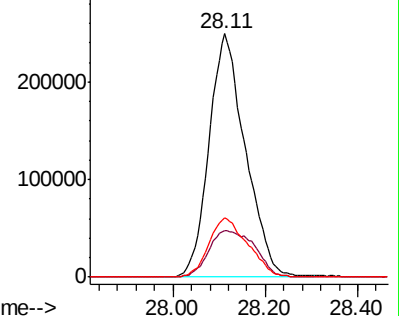
277 26.1 21.0 31.6

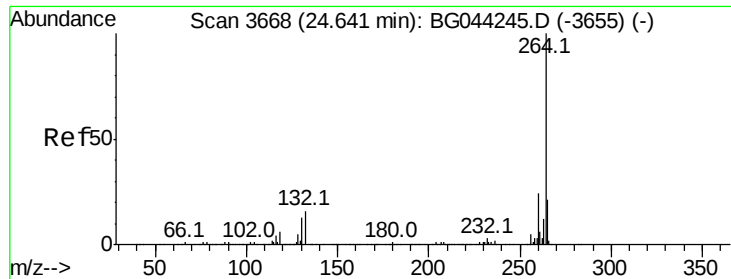


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





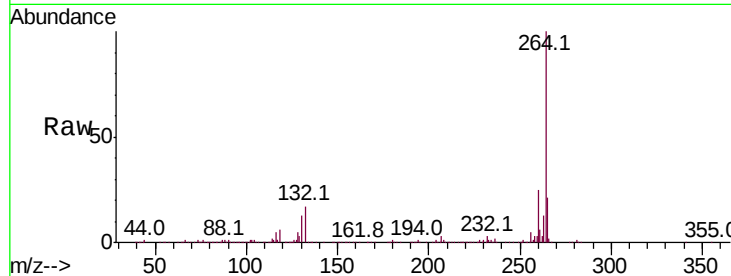
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.62 min Scan# 3664
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.5	16.7	25.1

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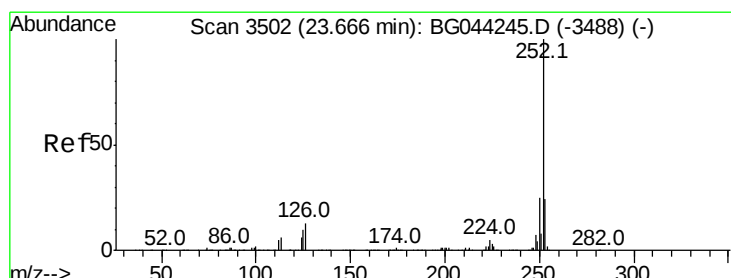
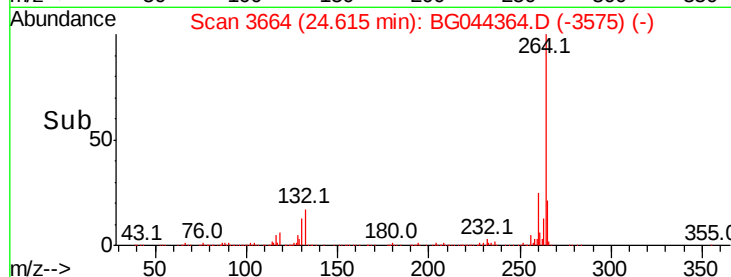
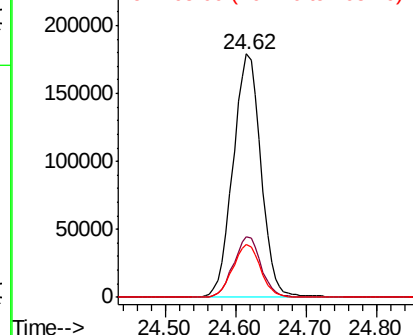


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 41.547 ng
RT: 23.65 min Scan# 3499
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

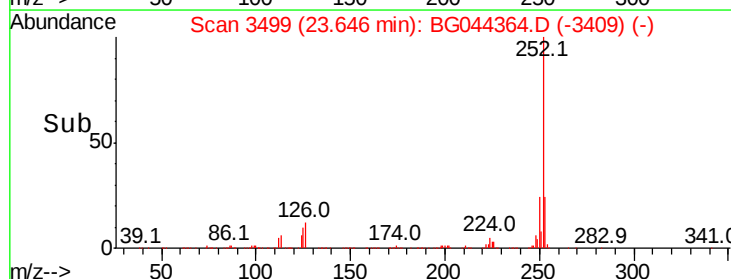
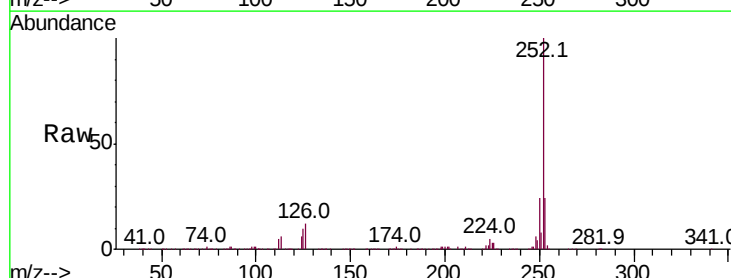
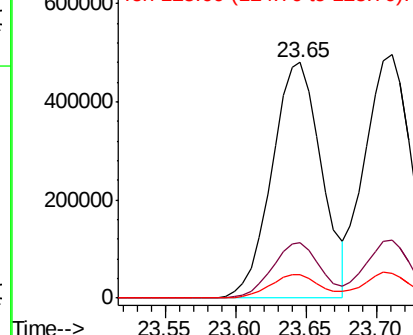
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.2	28.8
125	10.1	8.4	12.6

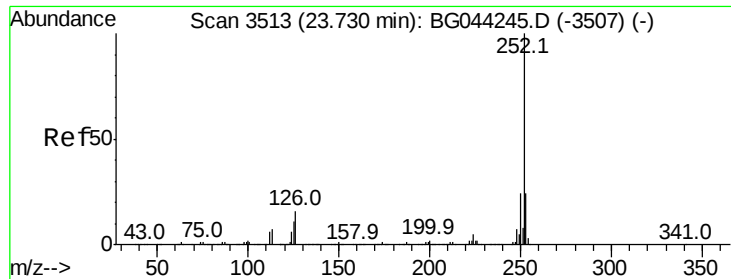
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





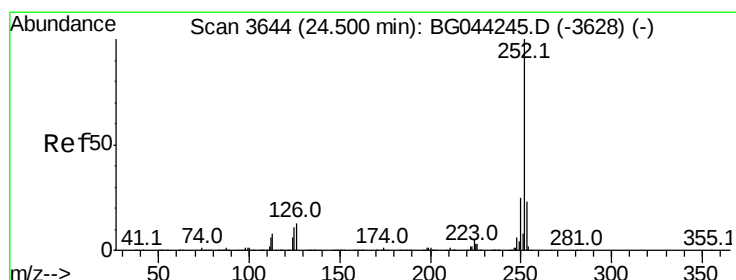
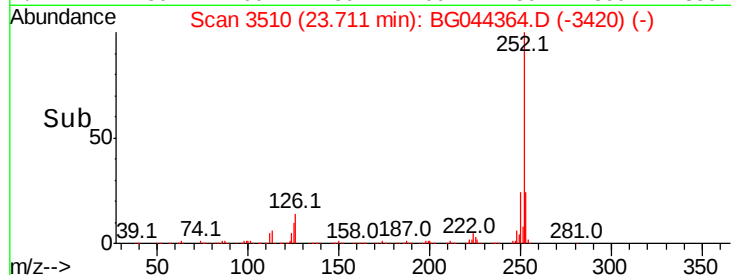
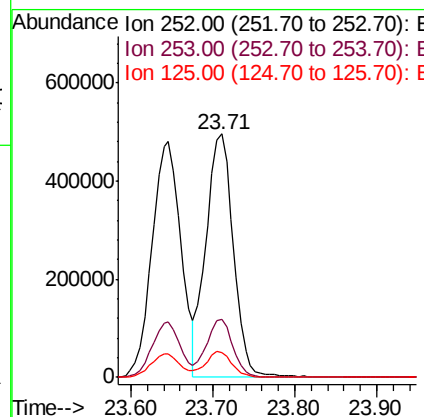
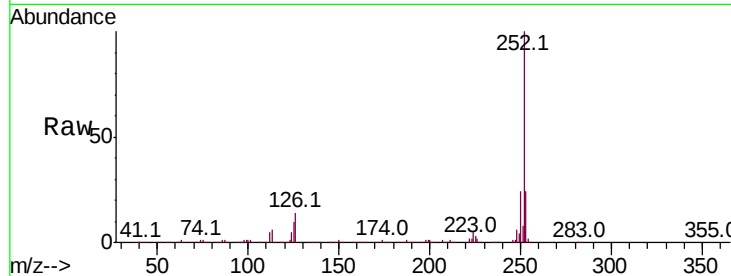
#89
Benzo(k)fluoranthene
Concen: 41.612 ng
RT: 23.71 min Scan# 3510
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.1	28.7
125	10.1	8.6	12.8

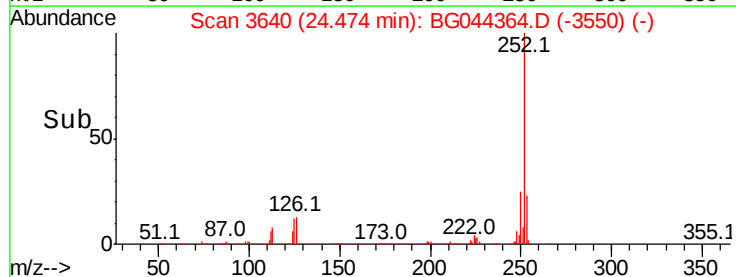
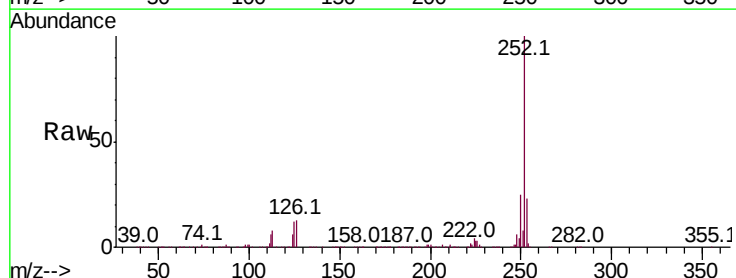
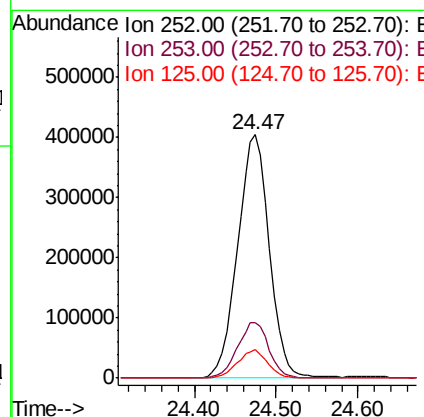
Manual Integrations
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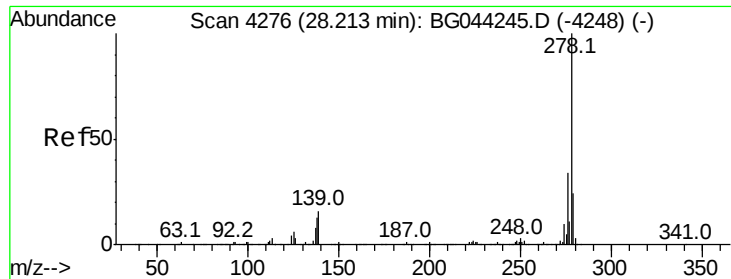
mohammad
2/12/2020 9:49:42 AM



#90
Benzo(a)pyrene
Concen: 40.488 ng
RT: 24.47 min Scan# 3640
Delta R.T. 0.00 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	11.7	8.6	13.0





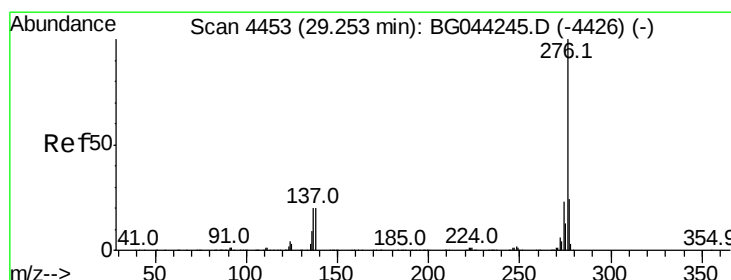
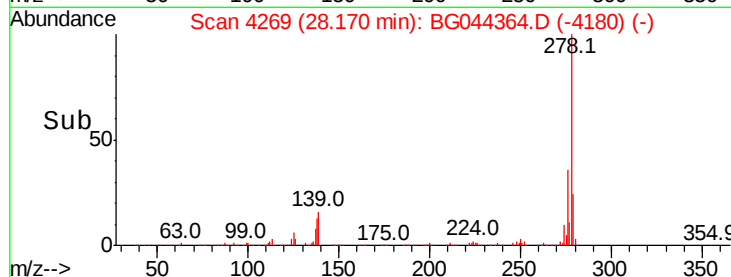
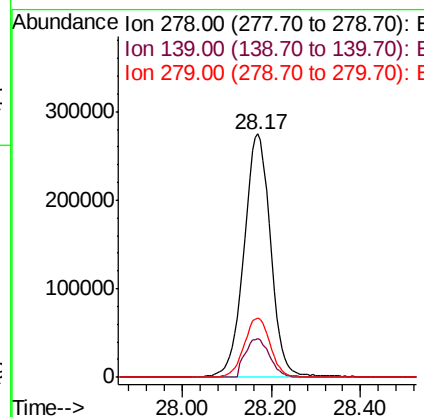
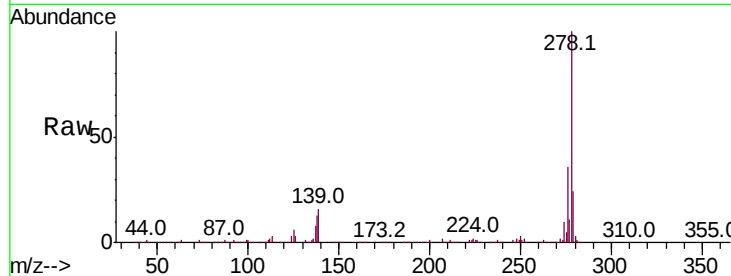
#91
Dibenzo(a,h)anthracene
Concen: 42.578 ng
RT: 28.17 min Scan# 4269
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.0	12.7	19.1
279	24.4	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/12/2020 9:49:42 AM



#92
Benzo(g,h,i)perylene
Concen: 43.483 ng
RT: 29.20 min Scan# 4444
Delta R.T. -0.01 min
Lab File: BG044364.D
Acq: 10 Feb 2020 19:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.8	28.2
138	21.9	16.2	24.2

